

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\  
 Data File : VN050100.D  
 Acq On : 26 Jul 2018 23:31  
 Operator : MD\SY  
 Sample : VN0725WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

Quant Time: Jul 27 04:02:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 639127   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 999413   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 883994   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 439381   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 455952   | 51.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.26% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 396554   | 48.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.20%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 1463797  | 48.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.58%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 480474   | 48.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.28%  |      |

## Target Compounds

|                               |      |     |         |       |      | Qvalue |
|-------------------------------|------|-----|---------|-------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 187785  | 20.45 | ug/l | 97     |
| 3) Chloromethane              | 2.06 | 50  | 182426  | 18.28 | ug/l | 99     |
| 4) Vinyl Chloride             | 2.18 | 62  | 194766  | 18.53 | ug/l | 98     |
| 5) Bromomethane               | 2.56 | 94  | 77271   | 12.48 | ug/l | 99     |
| 6) Chloroethane               | 2.70 | 64  | 118021  | 18.69 | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 258364  | 18.97 | ug/l | 97     |
| 8) Diethyl Ether              | 3.41 | 74  | 91241   | 20.10 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 153711  | 18.77 | ug/l | 100    |
| 10) Methyl Iodide             | 3.95 | 142 | 100556  | 9.57  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.80 | 59  | 64252   | 97.93 | ug/l | 97     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 141133  | 19.16 | ug/l | 97     |
| 13) Acrolein                  | 3.61 | 56  | 28177   | 53.45 | ug/l | 100    |
| 14) Allyl chloride            | 4.32 | 41  | 219180  | 19.19 | ug/l | 99     |
| 15) Acrylonitrile             | 5.00 | 53  | 278018  | 97.12 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 211472  | 98.04 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.05 | 76  | 403854  | 17.90 | ug/l | 100    |
| 18) Methyl Acetate            | 4.33 | 43  | 185345  | 21.77 | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 402867  | 20.52 | ug/l | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 165270  | 20.15 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 150967  | 19.34 | ug/l | 99     |
| 22) Diisopropyl ether         | 5.96 | 45  | 479180  | 21.16 | ug/l | 99     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1592960 | 99.53 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 288976  | 19.51 | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 333935  | 98.18 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 173323  | 15.38 | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 169974  | 20.23 | ug/l | 98     |
| 28) Bromochloromethane        | 7.20 | 49  | 131462  | 19.46 | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.22 | 42  | 215770  | 98.17 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 294971  | 19.52 | ug/l | 98     |
| 31) Cyclohexane               | 7.65 | 56  | 238784  | 19.40 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 250436  | 19.37 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 211445  | 18.78 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.94 | 43  | 147476  | 18.79 | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 219764  | 18.39 | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\  
 Data File : VN050100.D  
 Acq On : 26 Jul 2018 23:31  
 Operator : MD\SY  
 Sample : VN0725WBS02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

Quant Time: Jul 27 04:02:10 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 212100   | 18.31  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 656102   | 19.15  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 73590    | 19.76  | ug/l   | 88       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 212925   | 18.63  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 306262   | 20.02  | ug/l # | 92       |
| 44) Trichloroethene            | 8.84  | 130  | 172728   | 18.76  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 173014   | 19.06  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 107067   | 19.00  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 222142   | 18.68  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 131605   | 19.47  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 35233    | 382.93 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 757851   | 98.20  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 398449   | 19.70  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 208435   | 18.57  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 239741   | 18.69  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 153226   | 19.10  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 186207   | 18.47  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 250432   | 19.17  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 437442   | 91.75  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.76 | 43   | 494412   | 90.56  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 167878   | 18.90  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 149373   | 18.77  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 165787   | 19.51  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.44 | 112  | 429079   | 19.22  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 163647   | 19.07  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 715097   | 19.94  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.63 | 106  | 553606   | 40.80  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 267939   | 20.72  | ug/l   | 98       |
| 70) Styrene                    | 11.97 | 104  | 419013   | 18.80  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 117009   | 18.75  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 707572   | 20.76  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 201261   | 19.32  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 196935   | 20.60  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 229712   | 28.13  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 182751   | 19.35  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 796855   | 20.92  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 491478   | 20.82  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 573790   | 21.41  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 45324    | 17.61  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 482684   | 20.65  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 492603   | 21.06  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 590668   | 21.86  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 660093   | 21.12  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 560874   | 21.30  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 309771   | 19.35  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 301396   | 19.31  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 426965   | 19.72  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 104629   | 17.89  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 317493   | 19.84  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 30497    | 19.59  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\  
Data File : VN050100.D  
Acq On : 26 Jul 2018 23:31  
Operator : MD\SY  
Sample : VN0725WBS02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 31 Sample Multiplier: 1

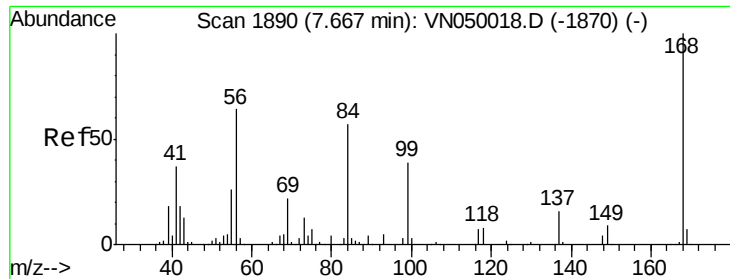
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Quant Time: Jul 27 04:02:10 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 26 18:10:10 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 136732   | 18.20 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 92135    | 18.80 | ug/l  | 100      |
| 95) Naphthalene            | 15.14 | 128  | 307621   | 18.39 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 146676   | 19.17 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

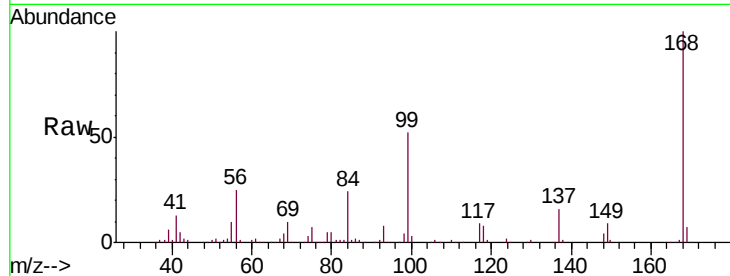
VN0726WBS02

Tot Ion:168 Resp: 639127

Ion Ratio Lower Upper

168 100

99 51.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

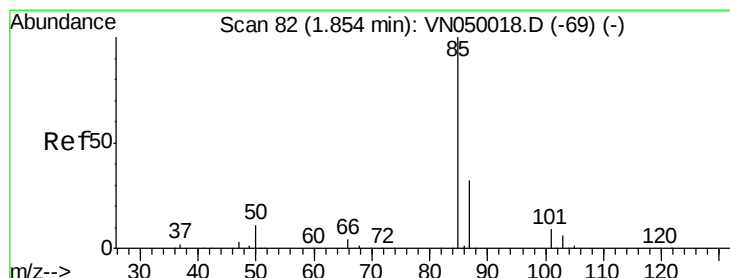
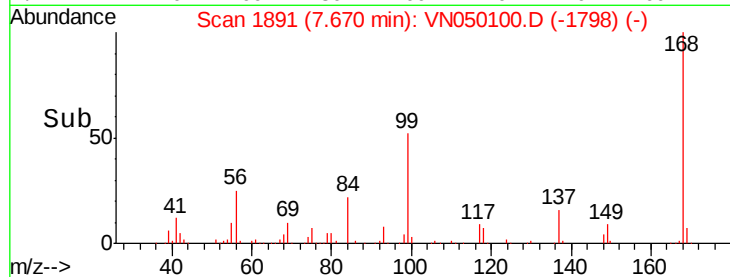
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.45 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050100.D

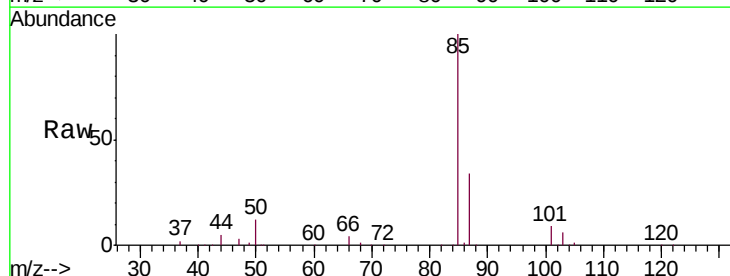
Acq: 26 Jul 2018 23:31

Tgt Ion: 85 Resp: 187785

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

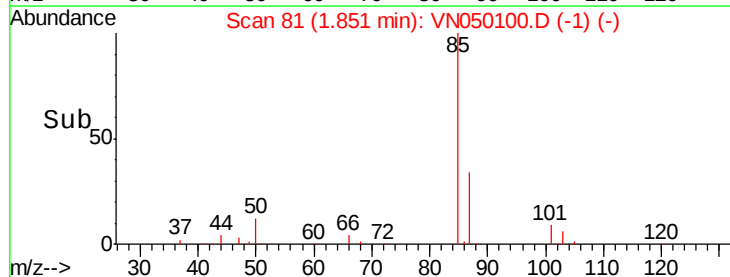
150000

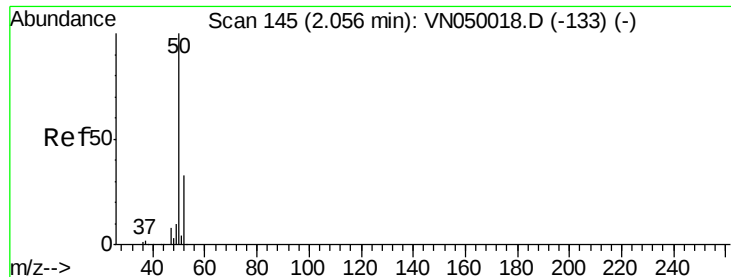
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.28 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

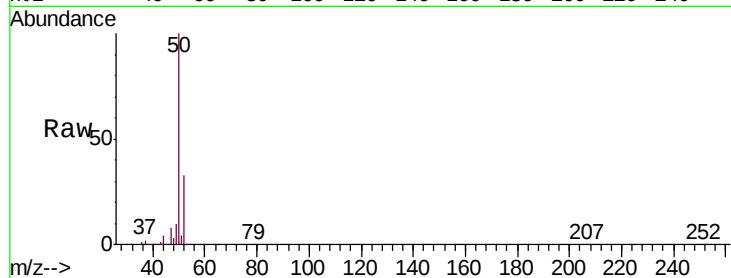
VN0726WBS02

Tot Ion: 50 Resp: 182426

Ion Ratio Lower Upper

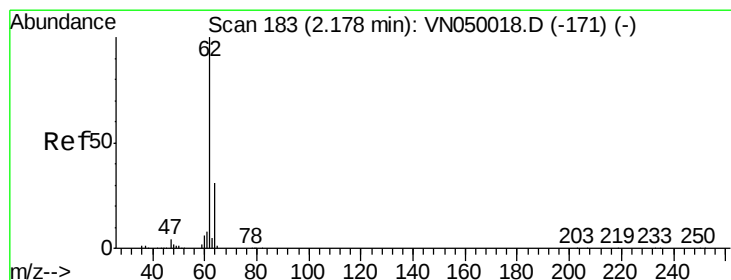
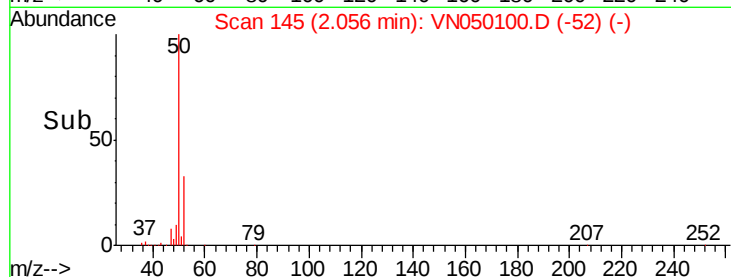
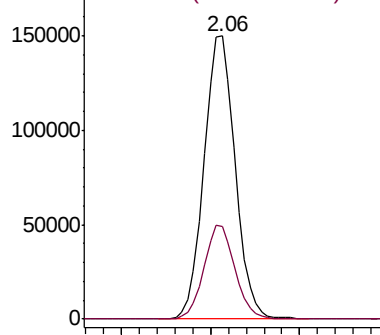
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.53 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050100.D

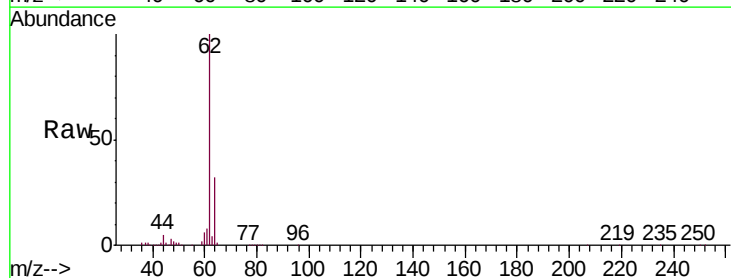
Acq: 26 Jul 2018 23:31

Tgt Ion: 62 Resp: 194766

Ion Ratio Lower Upper

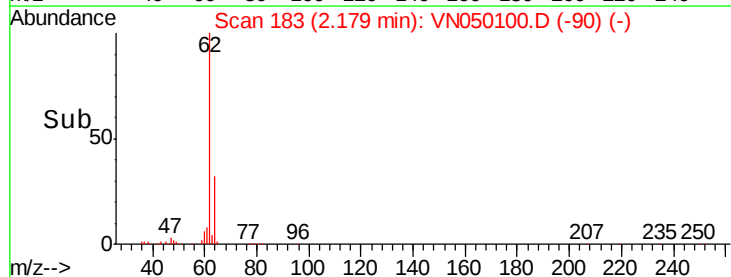
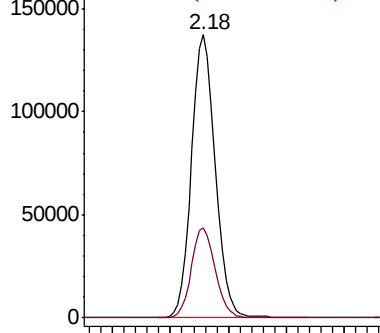
62 100

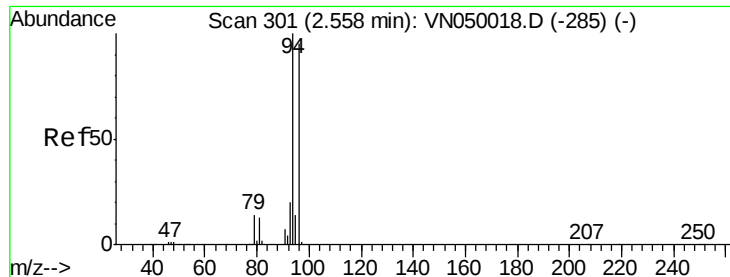
64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 12.48 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.01 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

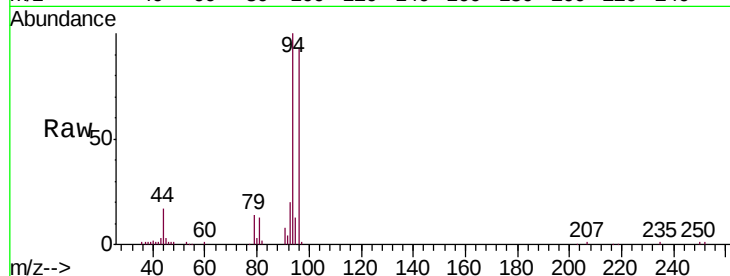
VN0726WBS02

Tot Ion: 94 Resp: 77271

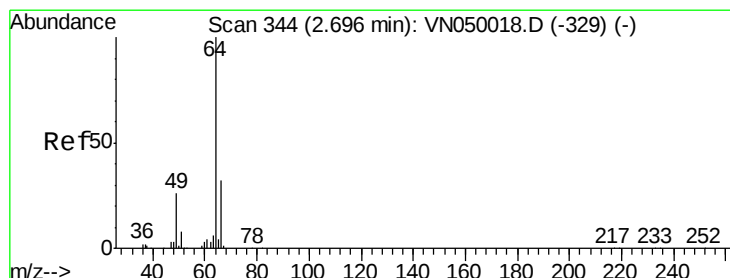
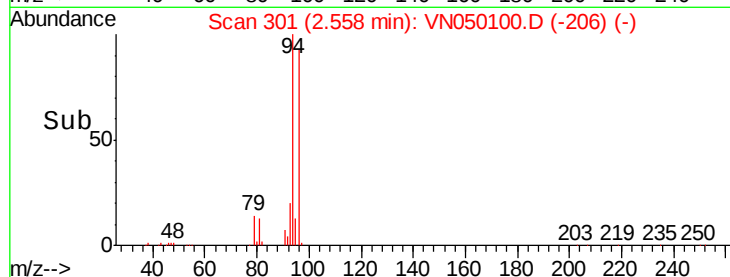
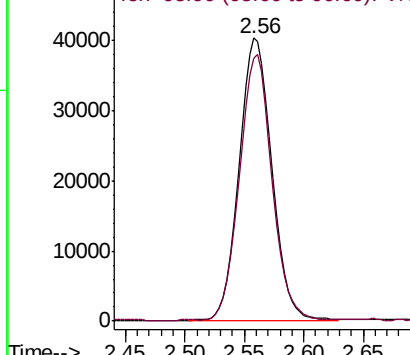
Ion Ratio Lower Upper

94 100

96 92.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO  
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.69 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050100.D

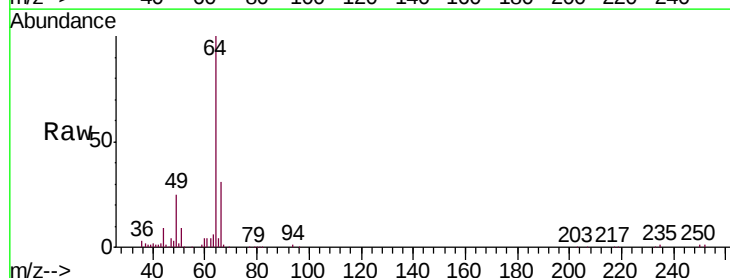
Acq: 26 Jul 2018 23:31

Tgt Ion: 64 Resp: 118021

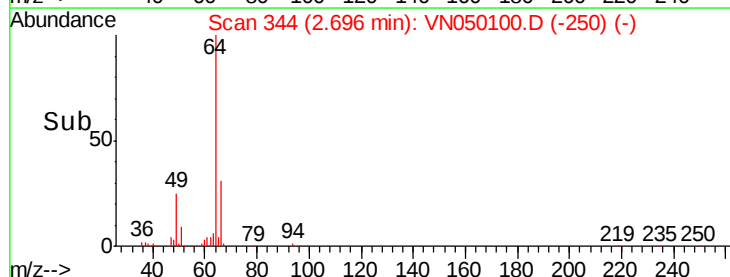
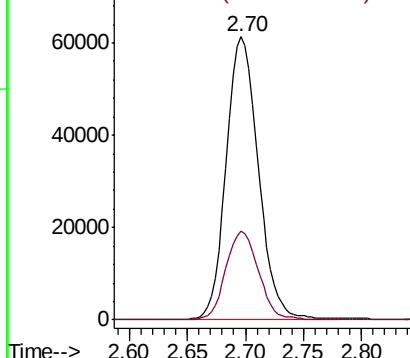
Ion Ratio Lower Upper

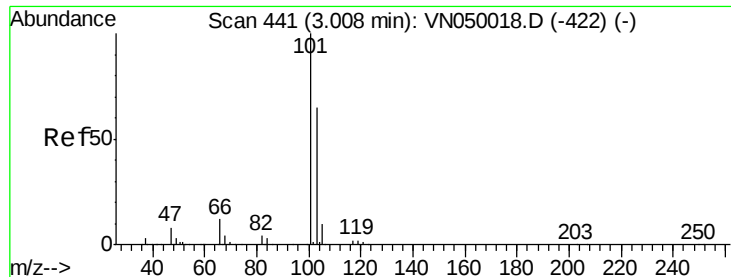
64 100

66 31.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO  
Ion 65.90 (65.60 to 66.60): VNO





#7

Trichlorofluoromethane

Concen: 18.97 ug/l

RT: 3.01 min Scan# 441

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

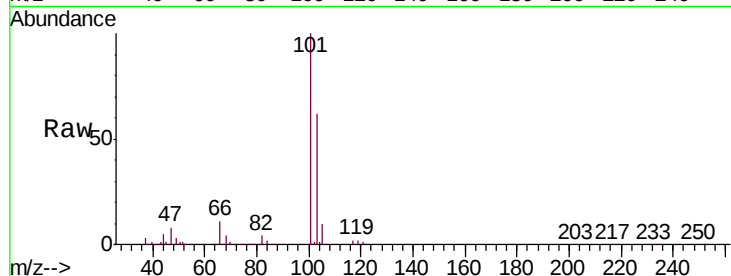
VN0726WBS02

Tot Ion:101 Resp: 258364

Ion Ratio Lower Upper

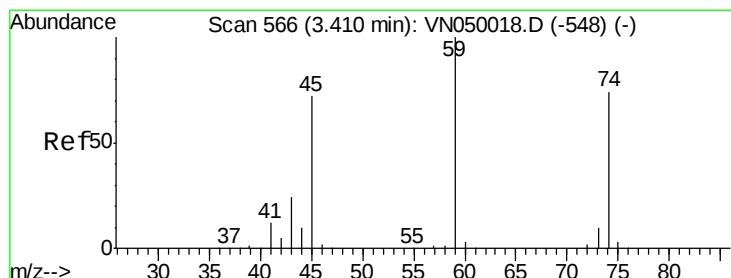
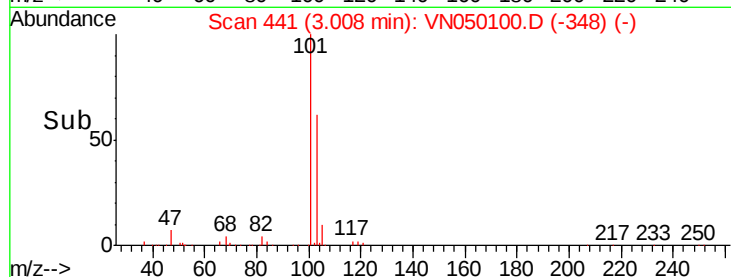
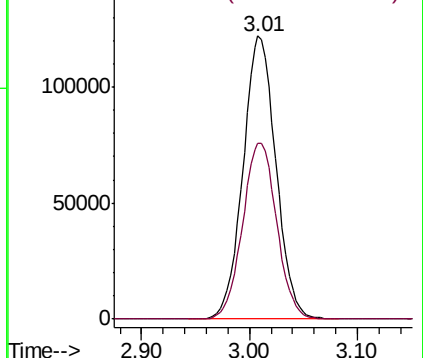
101 100

103 62.3 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.10 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050100.D

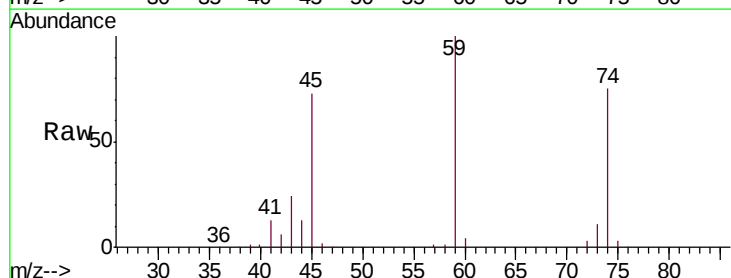
Acq: 26 Jul 2018 23:31

Tgt Ion: 74 Resp: 91241

Ion Ratio Lower Upper

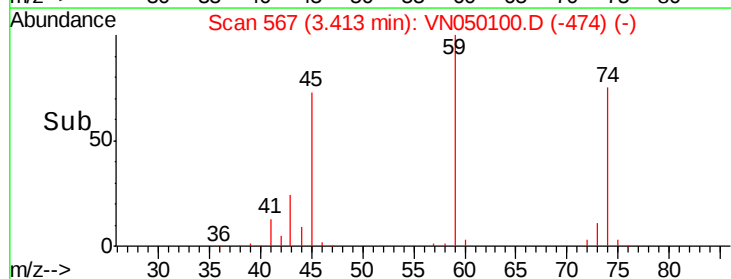
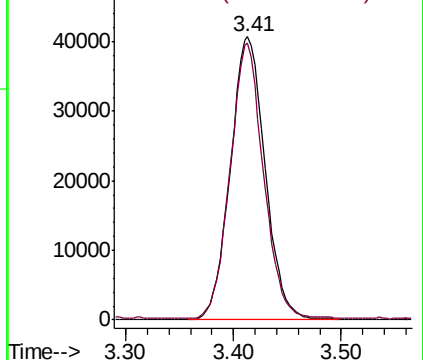
74 100

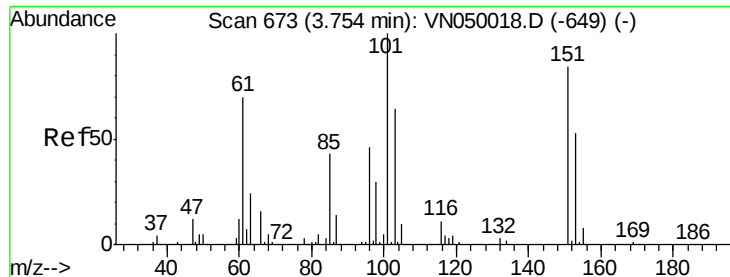
45 93.2 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.77 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

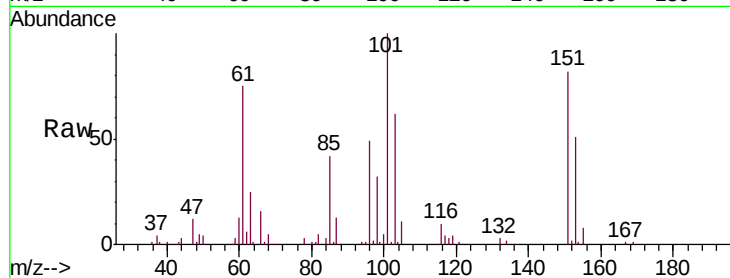
Tot Ion:101 Resp: 153711

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

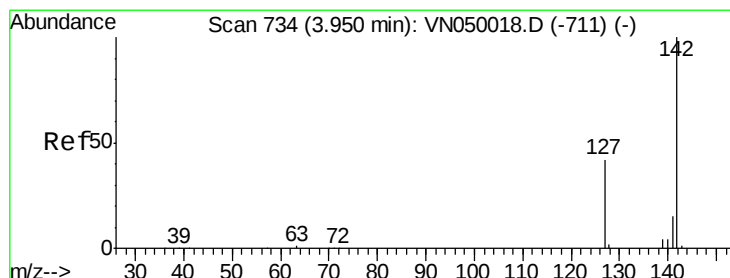
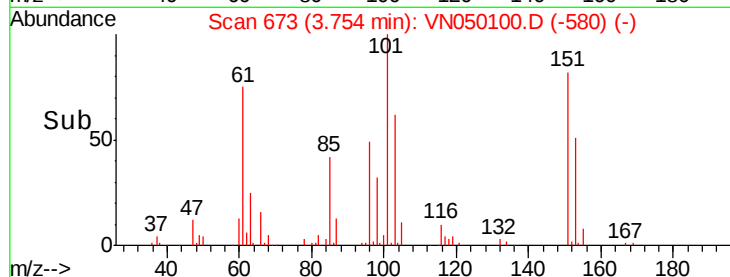
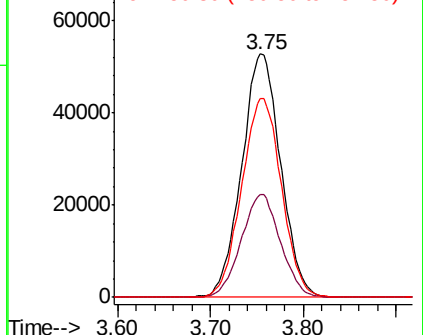
151 83.5 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.57 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

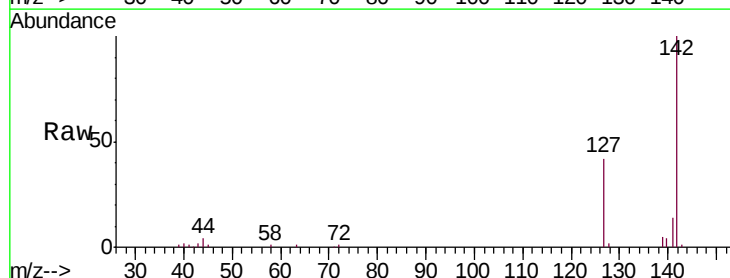
Tgt Ion:142 Resp: 100556

Ion Ratio Lower Upper

142 100

127 41.4 33.4 50.2

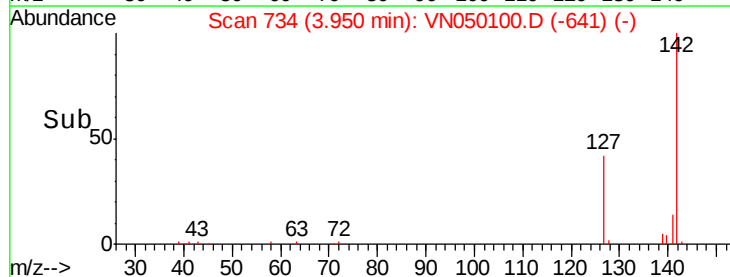
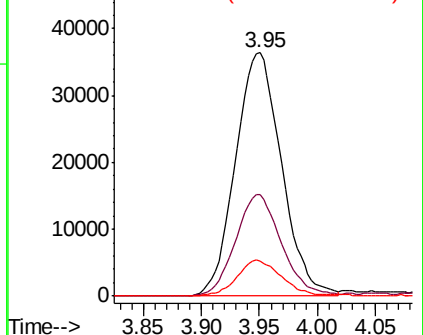
141 14.2 11.6 17.4

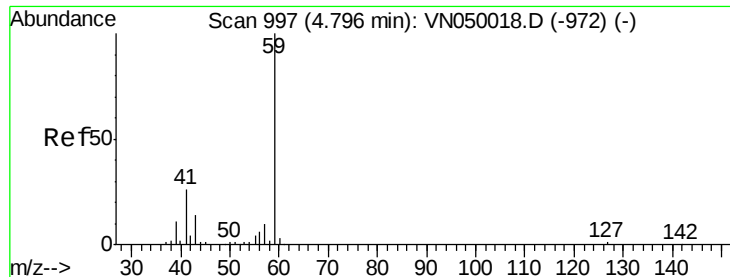


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

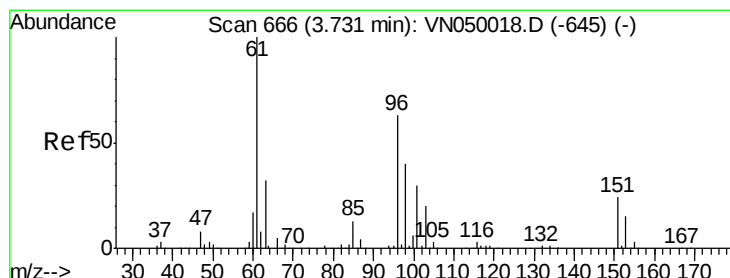
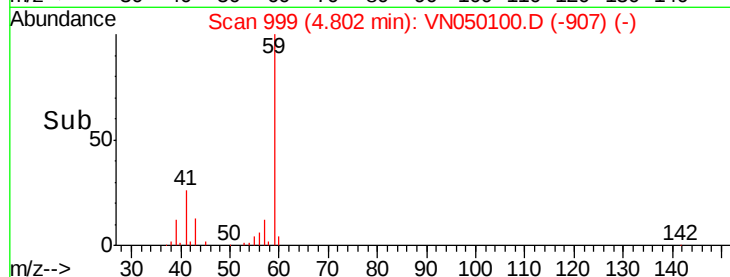
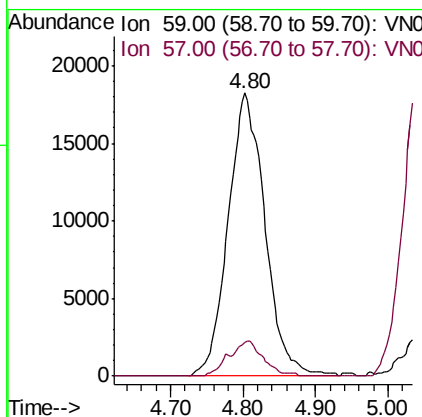
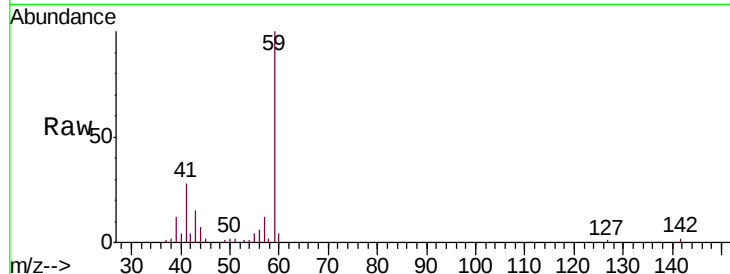




#11  
Tert butyl alcohol  
Concen: 97.93 ug/l  
RT: 4.80 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

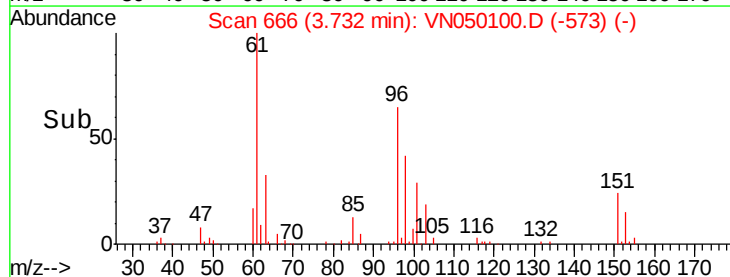
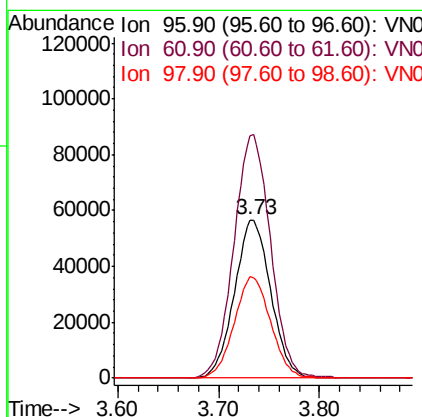
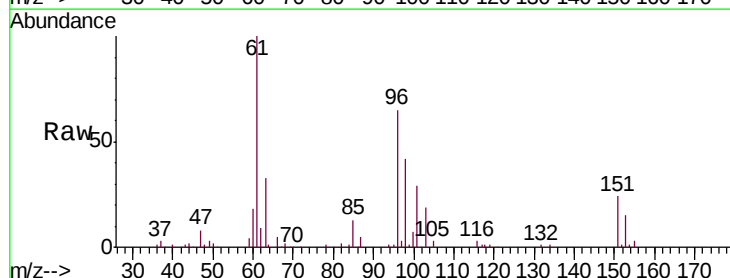
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

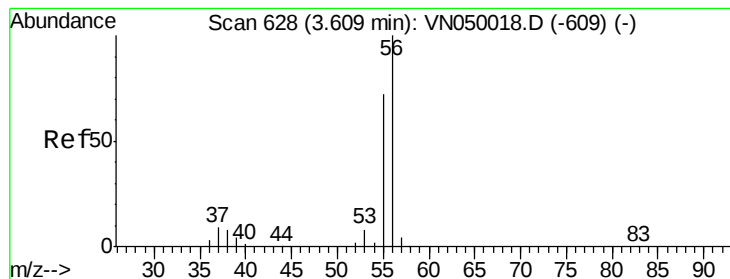
Tot Ion: 59 Resp: 64252  
Ion Ratio Lower Upper  
59 100  
57 11.7 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 19.16 ug/l  
RT: 3.73 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 96 Resp: 141133  
Ion Ratio Lower Upper  
96 100  
61 153.2 124.4 186.6  
98 63.8 48.3 72.5





#13

Acrolein

Concen: 53.45 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

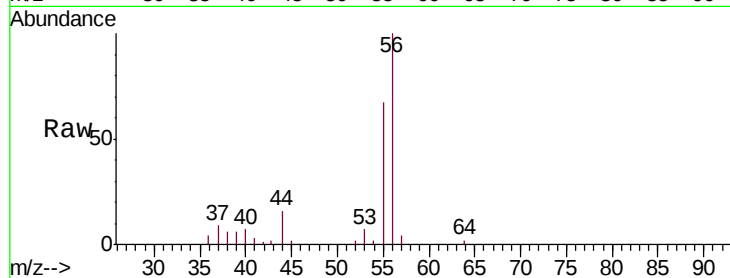
VN0726WBS02

Tot Ion: 56 Resp: 28177

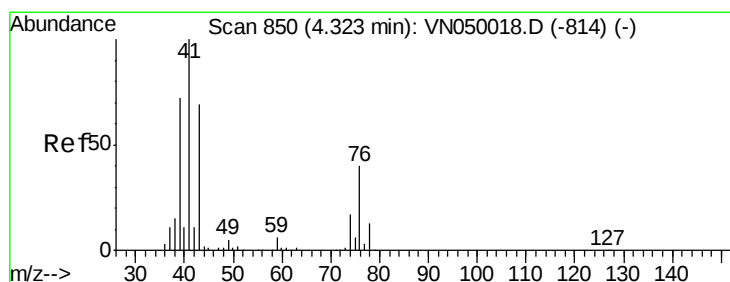
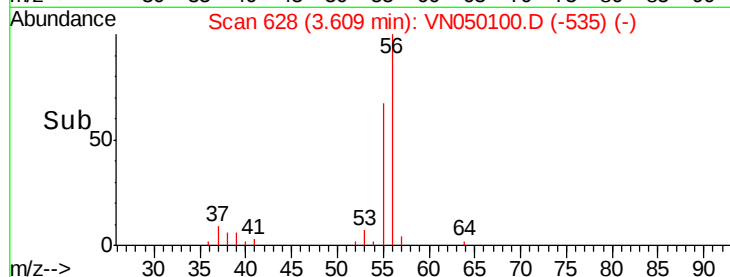
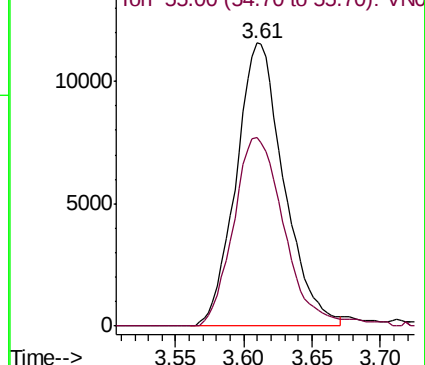
Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 19.19 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

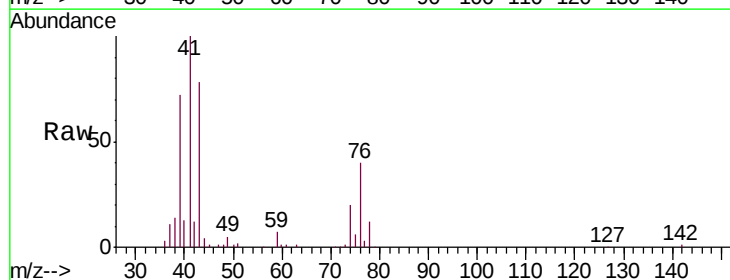
Tgt Ion: 41 Resp: 219180

Ion Ratio Lower Upper

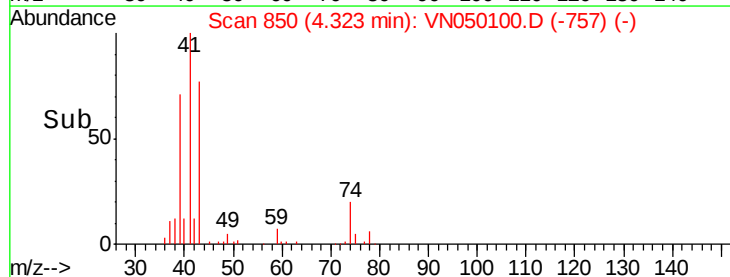
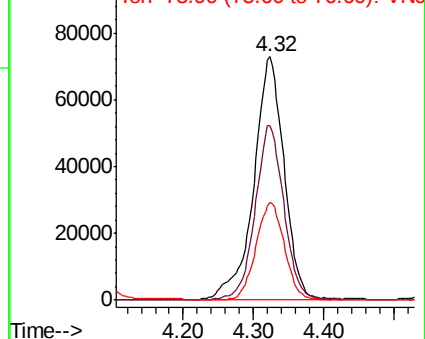
41 100

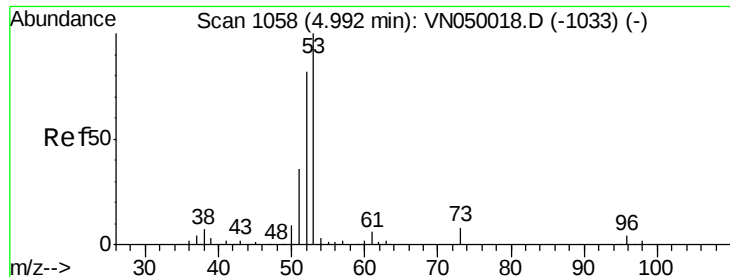
39 67.8 54.2 81.4

76 37.5 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 97.12 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

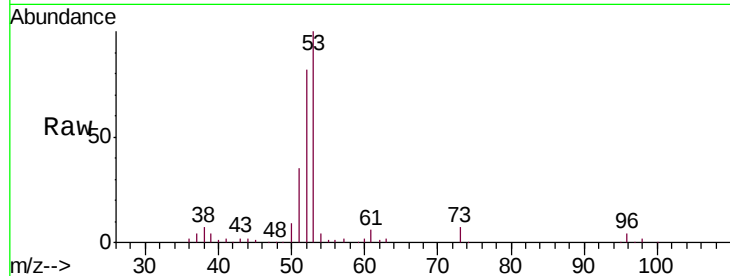
Tot Ion: 53 Resp: 278018

Ion Ratio Lower Upper

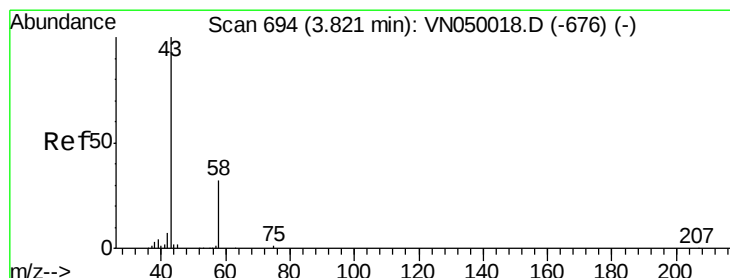
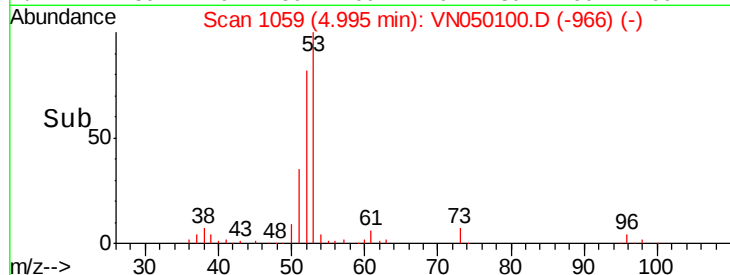
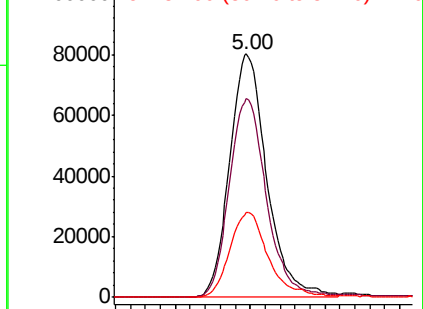
53 100

52 81.6 66.2 99.2

51 36.2 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.04 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050100.D

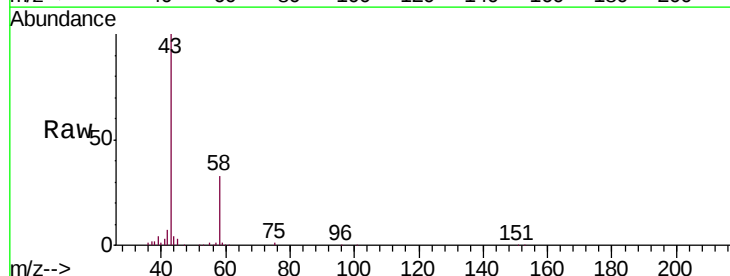
Acq: 26 Jul 2018 23:31

Tgt Ion: 43 Resp: 211472

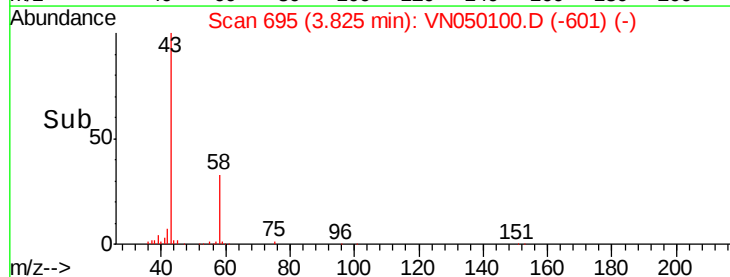
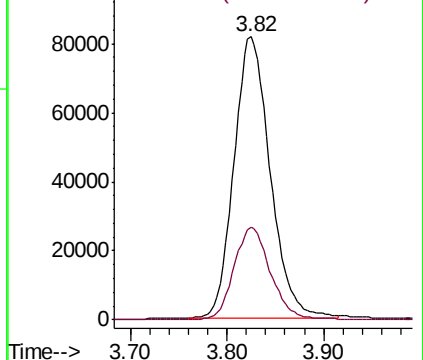
Ion Ratio Lower Upper

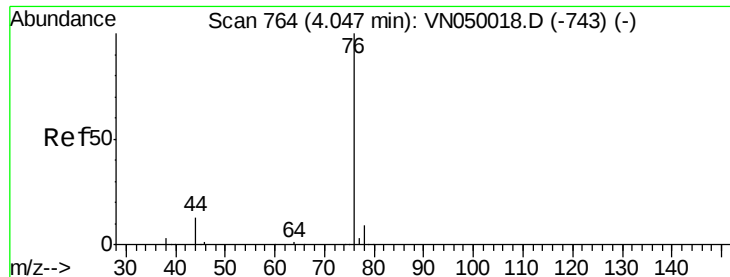
43 100

58 32.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

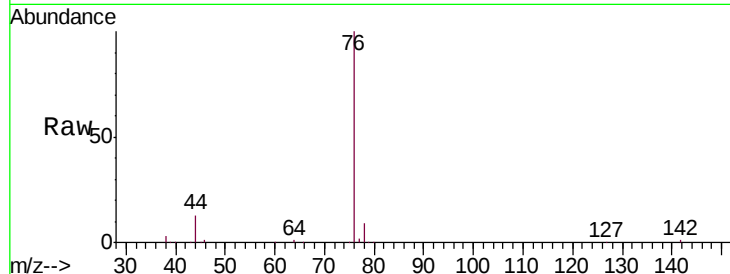




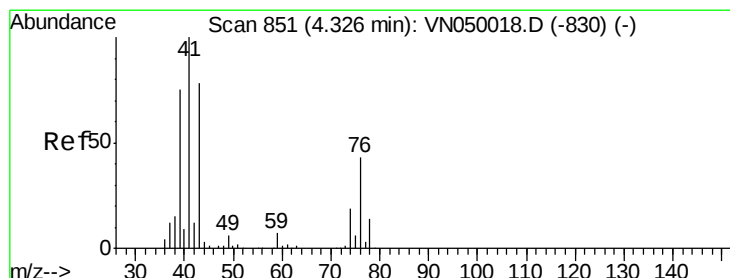
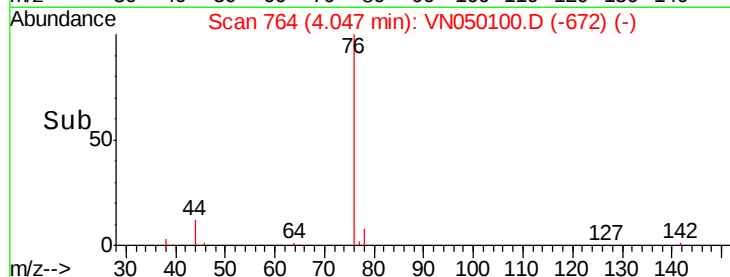
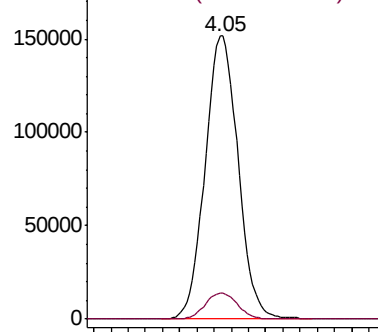
#17  
Carbon Disulfide  
Concen: 17.90 ug/l  
RT: 4.05 min Scan# 764  
Delta R.T. -0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Tot Ion: 76 Resp: 403854  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9

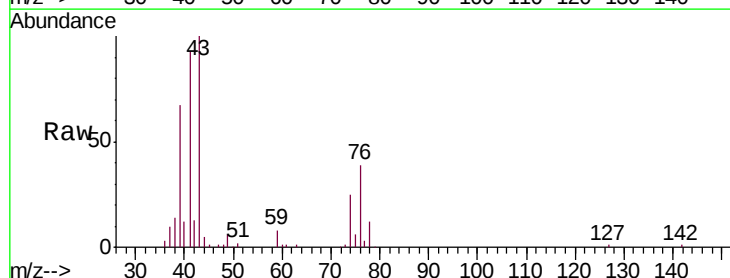


Abundance Ion 75.90 (75.60 to 76.60): VN0  
Ion 77.90 (77.60 to 78.60): VN0

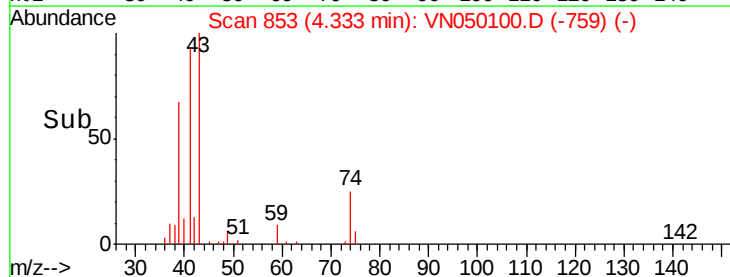
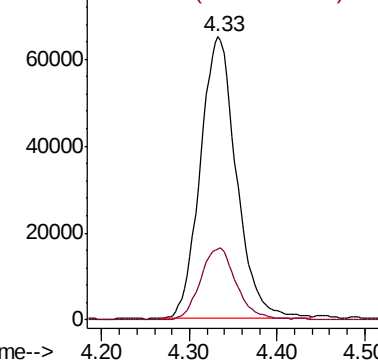


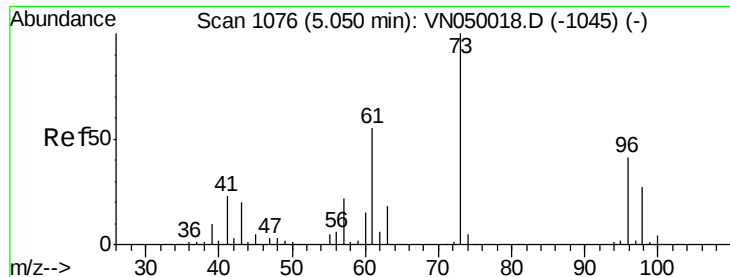
#18  
Methyl Acetate  
Concen: 21.77 ug/l  
RT: 4.33 min Scan# 853  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 43 Resp: 185345  
Ion Ratio Lower Upper  
43 100  
74 25.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 74.00 (73.70 to 74.70): VN0

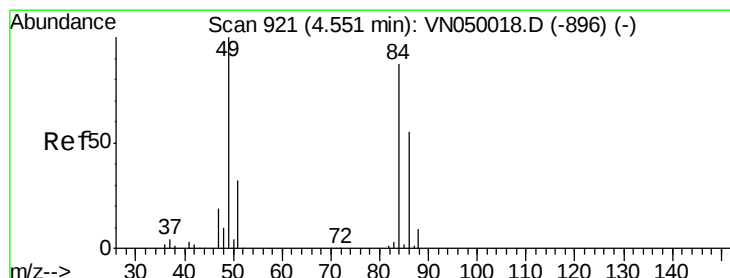
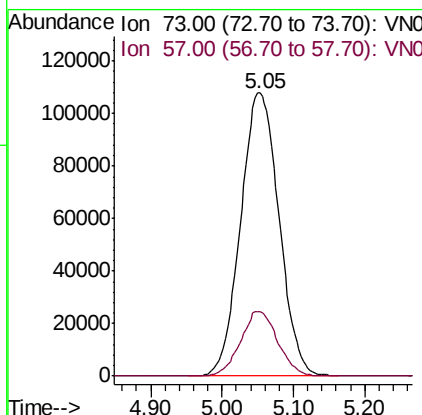
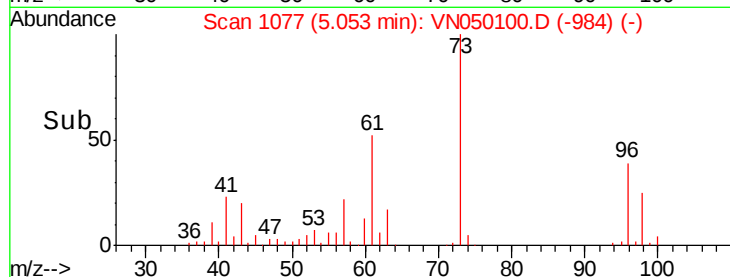
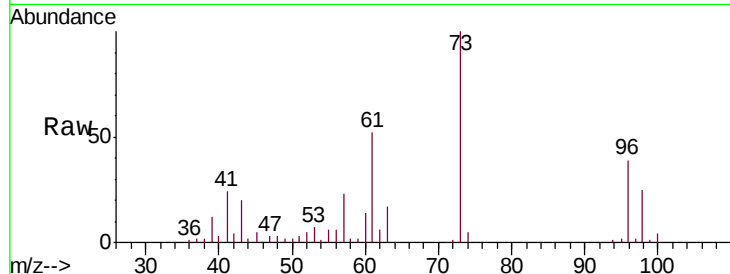




#19  
Methvl tert-butvl Ether  
Concen: 20.52 ug/l  
RT: 5.05 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

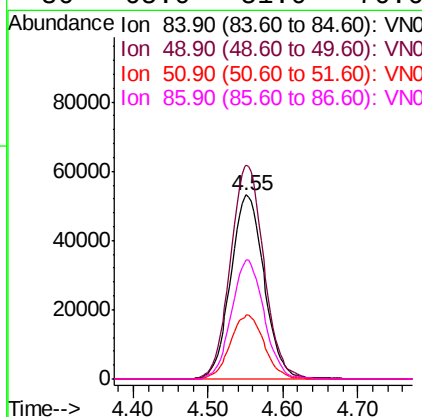
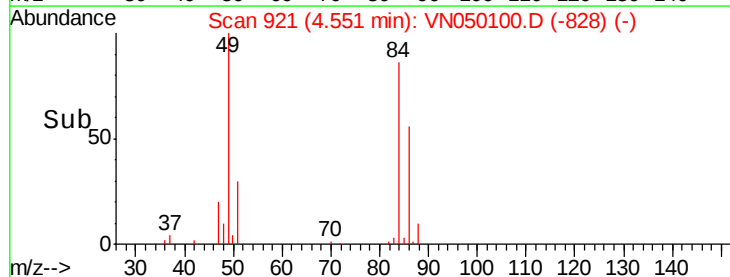
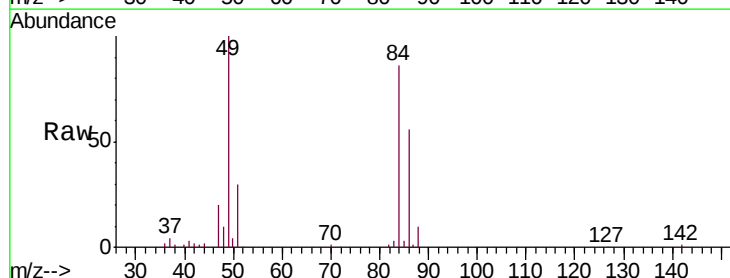
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

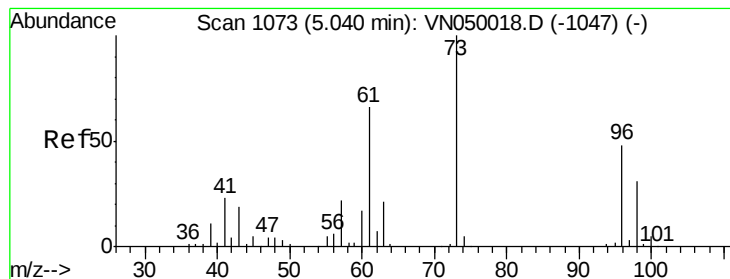
Tot Ion: 73 Resp: 402867  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.0 27.0



#20  
Methylene Chloride  
Concen: 20.15 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 84 Resp: 165270  
Ion Ratio Lower Upper  
84 100  
49 116.2 94.8 142.2  
51 34.7 28.3 42.5  
86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.34 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

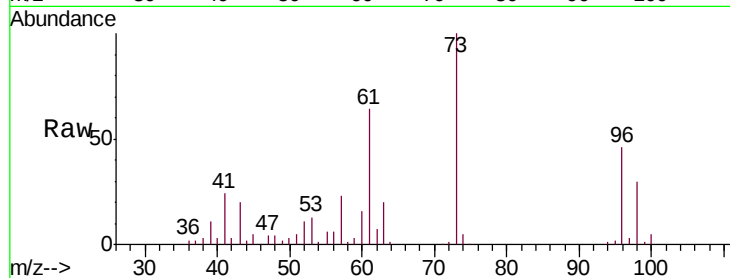
Tot Ion: 96 Resp: 150967

Ion Ratio Lower Upper

96 100

61 137.2 110.7 166.1

98 63.8 51.6 77.4

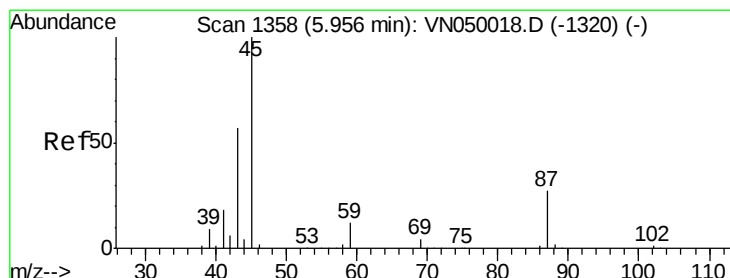
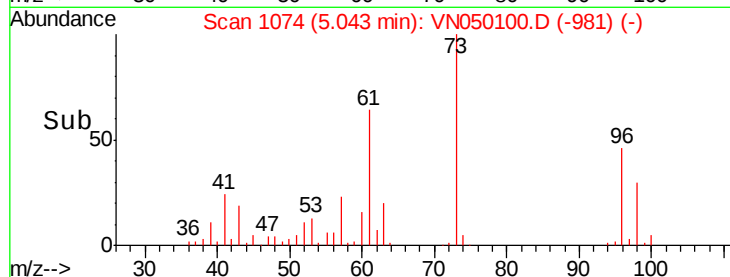
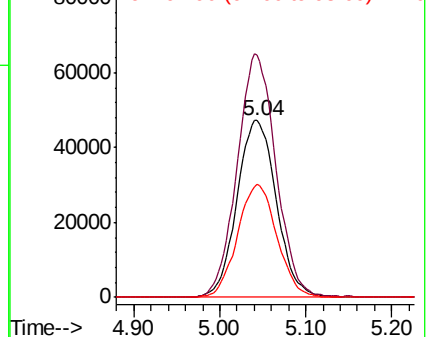


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.16 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Tgt Ion: 45 Resp: 479180

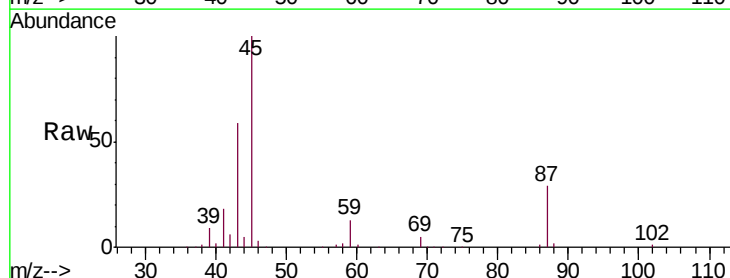
Ion Ratio Lower Upper

45 100

43 57.8 45.7 68.5

87 28.6 22.7 34.1

59 12.4 9.5 14.3



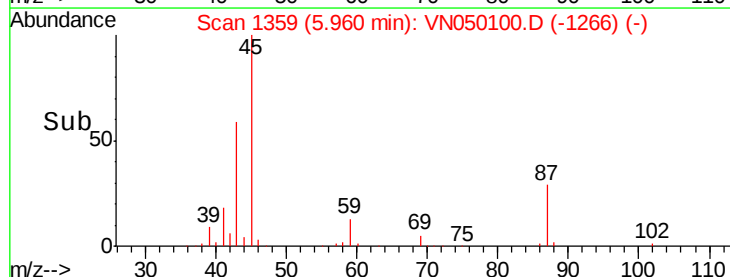
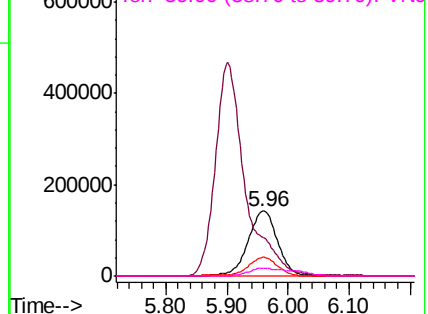
Abundance

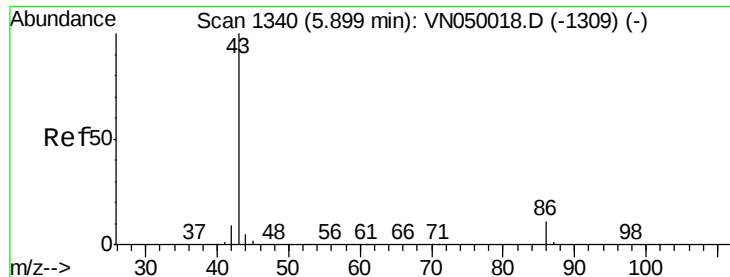
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 99.53 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

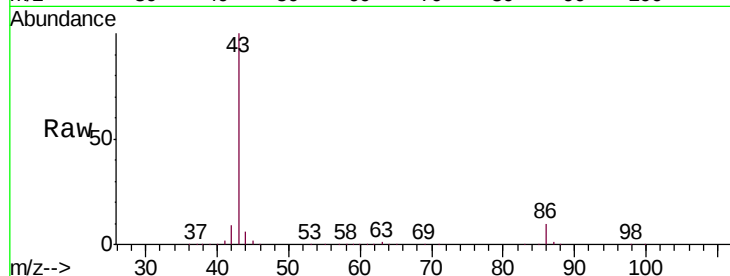
VN0726WBS02

Tot Ion: 43 Resp: 1592960

Ion Ratio Lower Upper

43 100

86 10.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

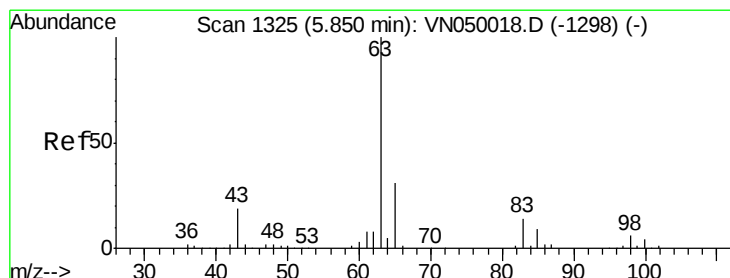
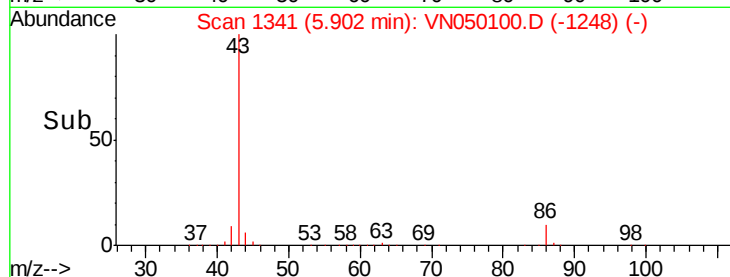
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.51 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

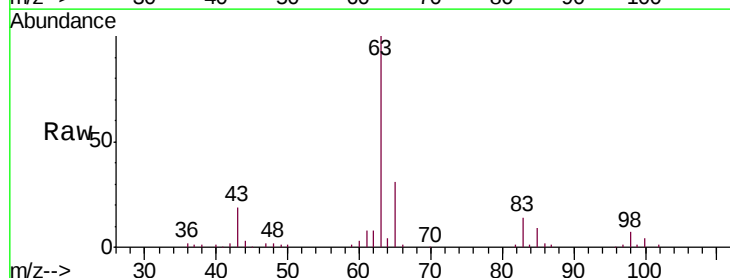
Tgt Ion: 63 Resp: 288976

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

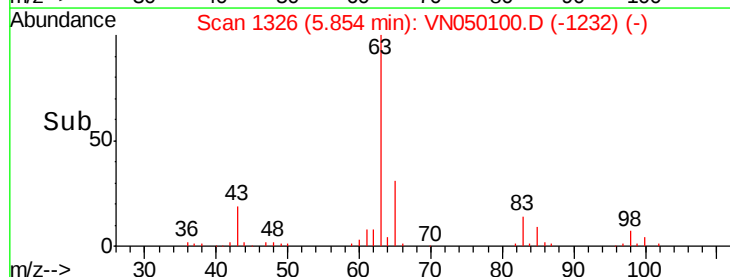
60000

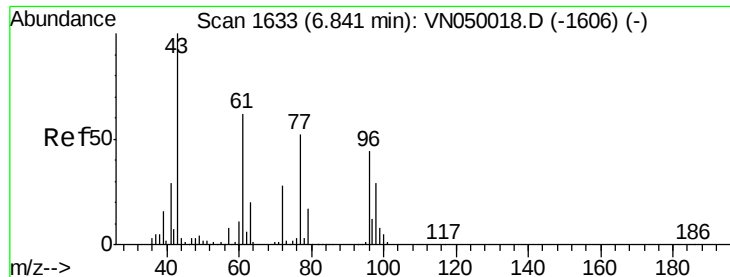
40000

20000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 98.18 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

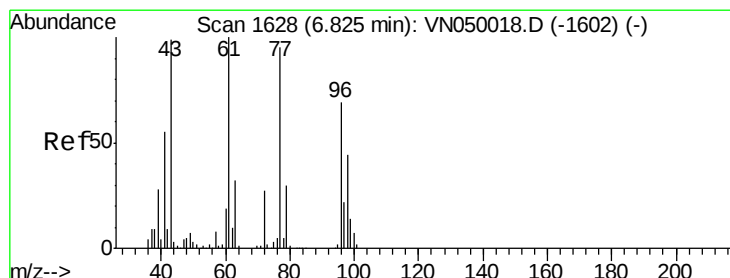
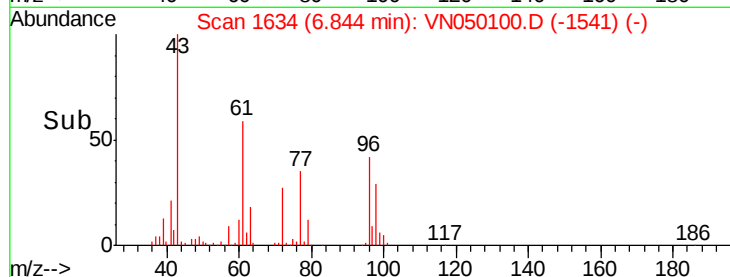
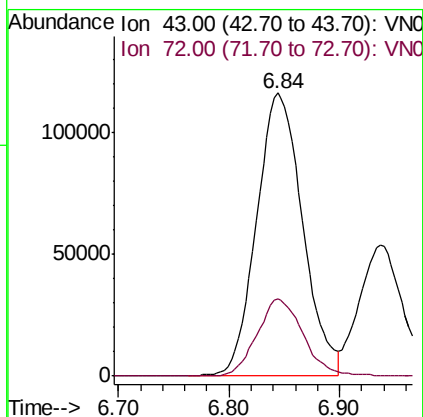
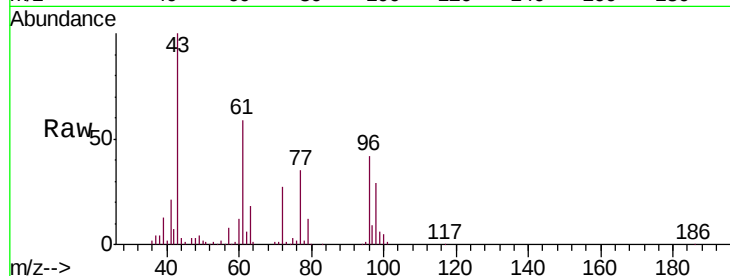
VN0726WBS02

Tot Ion: 43 Resp: 333935

Ion Ratio Lower Upper

43 100

72 27.2 21.5 32.3



#26

2,2-Dichloropropane

Concen: 15.38 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN050100.D

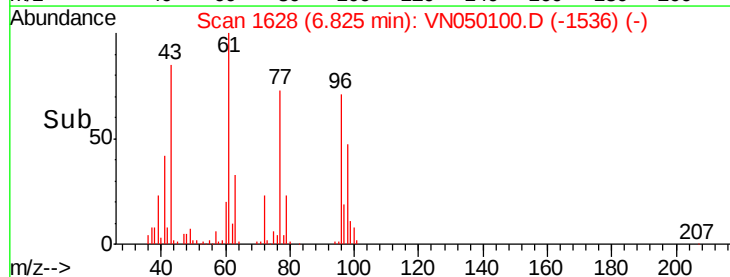
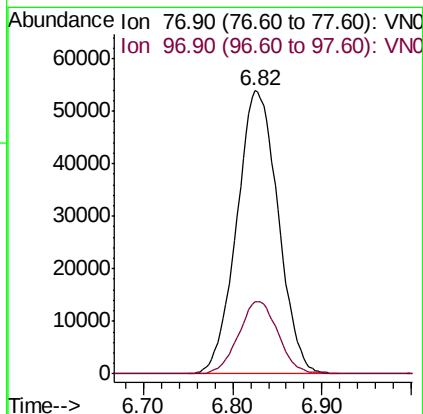
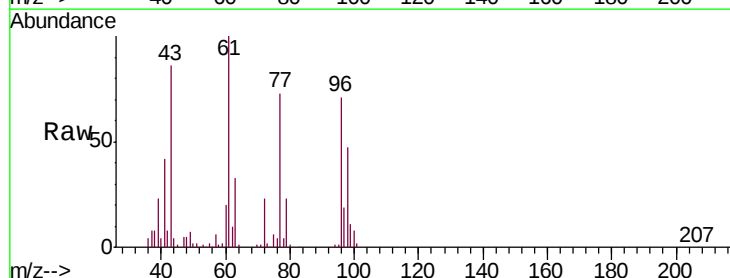
Acq: 26 Jul 2018 23:31

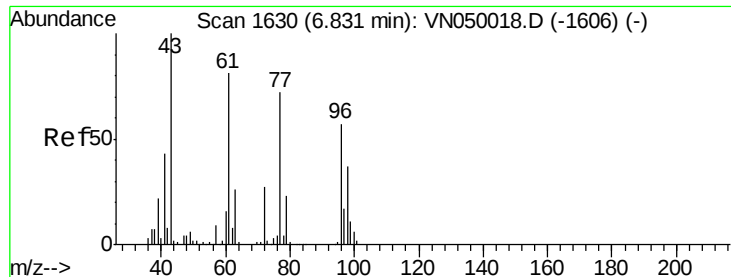
Tgt Ion: 77 Resp: 173323

Ion Ratio Lower Upper

77 100

97 24.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

VN0726WBS02

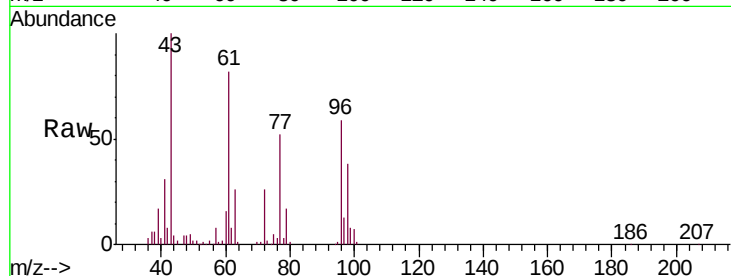
Tot Ion: 96 Resp: 169974

Ion Ratio Lower Upper

96 100

61 138.9 0.0 285.0

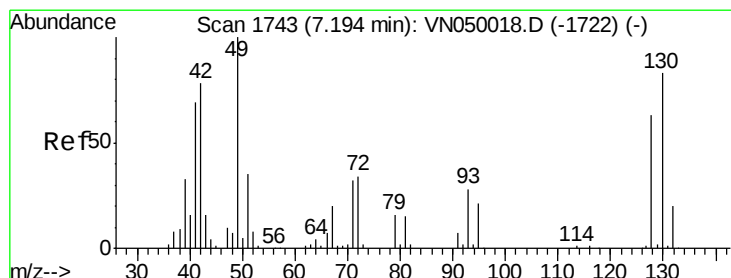
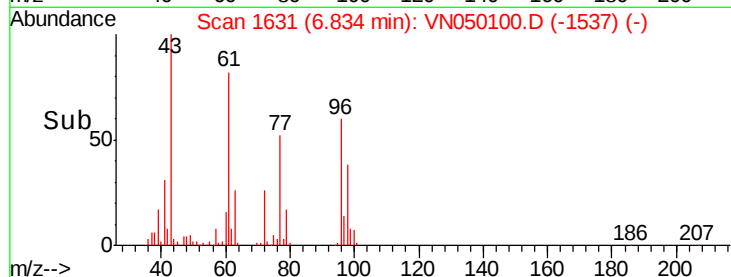
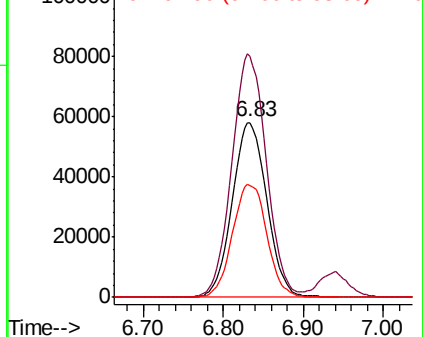
98 64.4 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.46 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

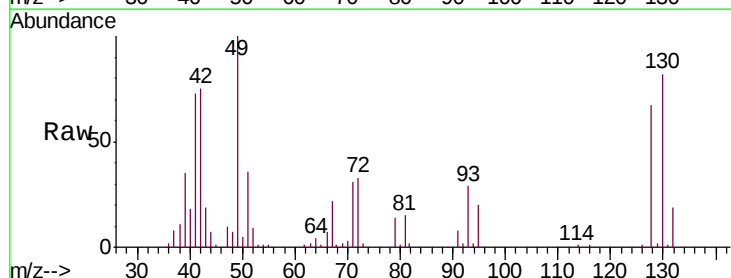
Tgt Ion: 49 Resp: 131462

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

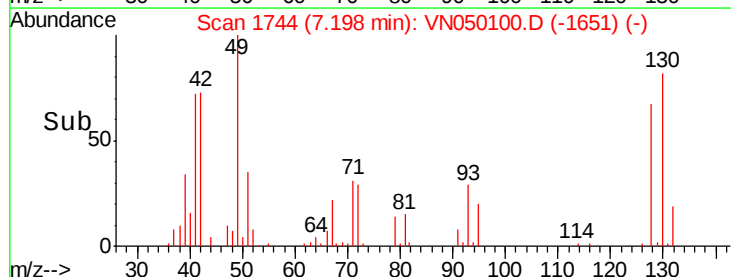
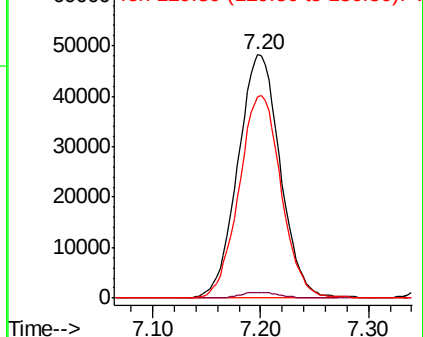
130 83.0 66.3 99.5

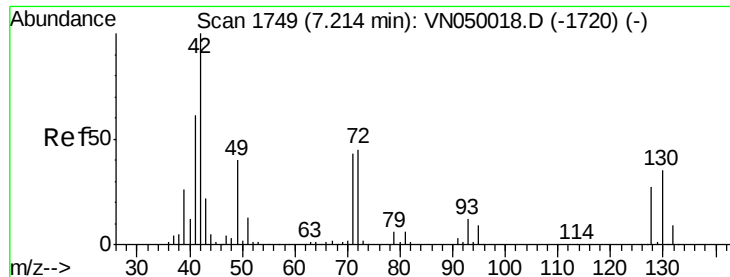


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

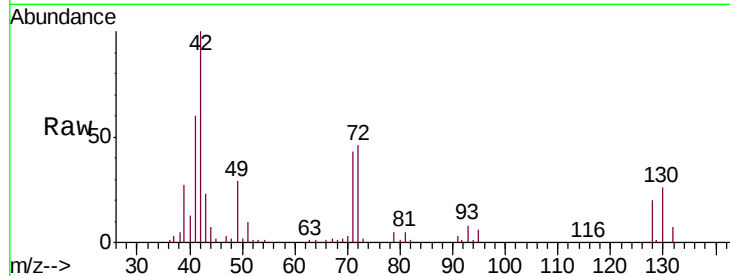




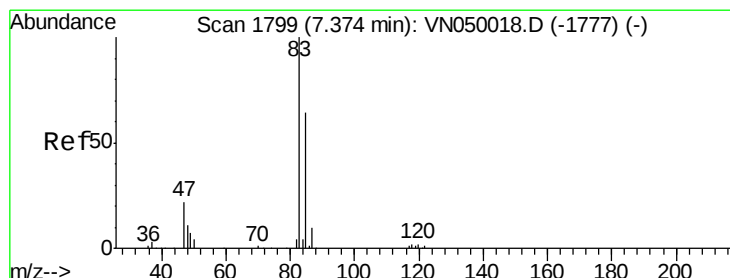
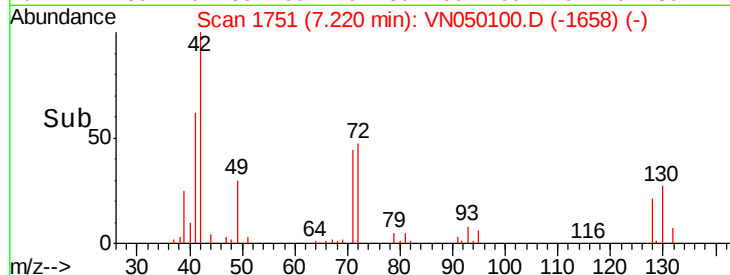
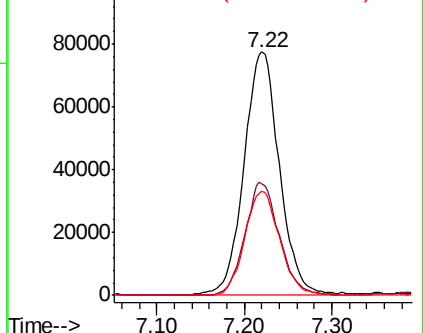
#29  
Tetrahydrofuran  
Concen: 98.17 ug/l  
RT: 7.22 min Scan# 1751  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0726WBS02

Tot Ion: 42 Resp: 215770  
Ion Ratio Lower Upper  
42 100  
72 45.4 35.9 53.9  
71 42.7 33.7 50.5

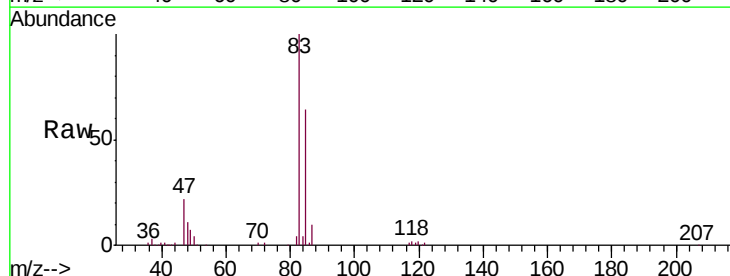


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

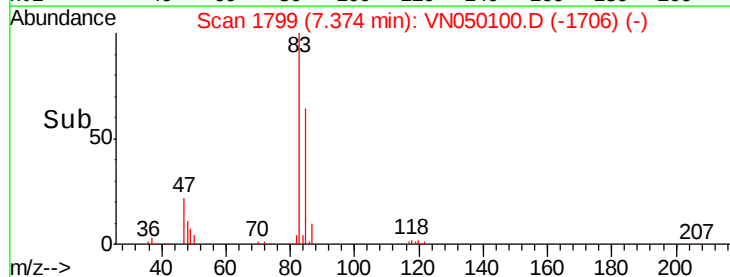
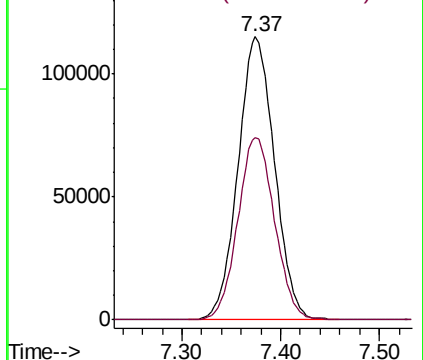


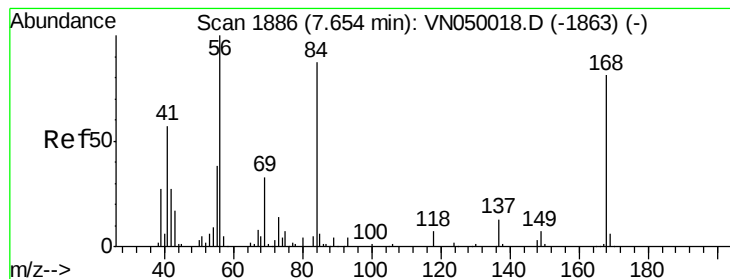
#30  
Chloroform  
Concen: 19.52 ug/l  
RT: 7.37 min Scan# 1799  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 83 Resp: 294971  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.40 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

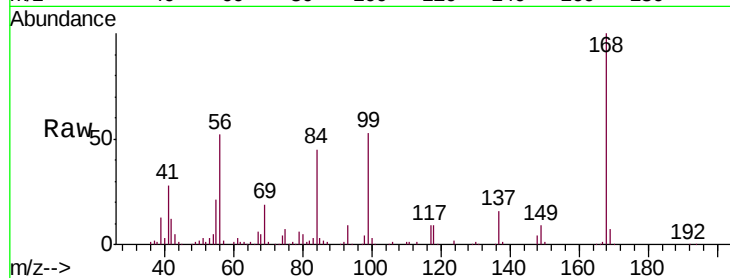
Tot Ion: 56 Resp: 238784

Ion Ratio Lower Upper

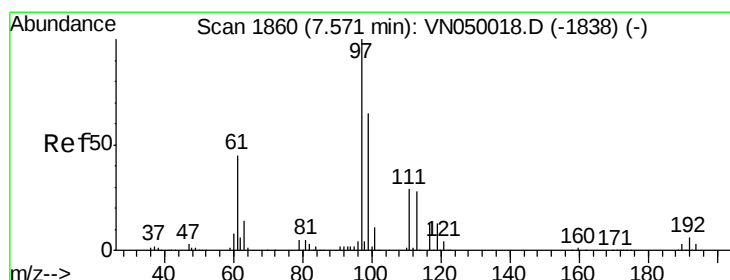
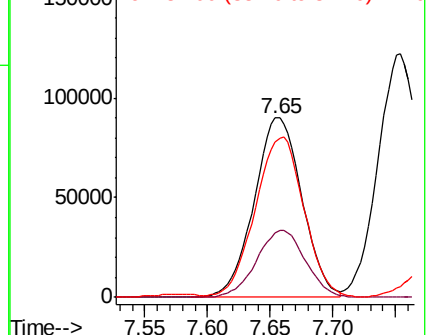
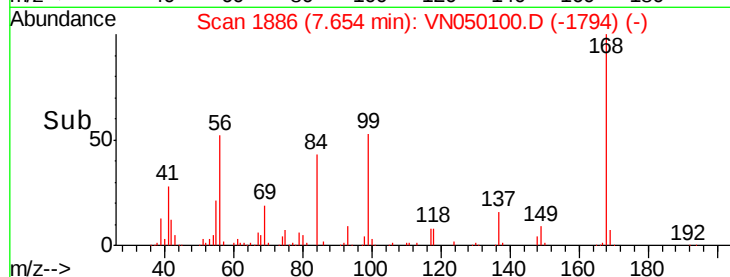
56 100

69 35.9 26.2 39.4

84 84.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.37 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

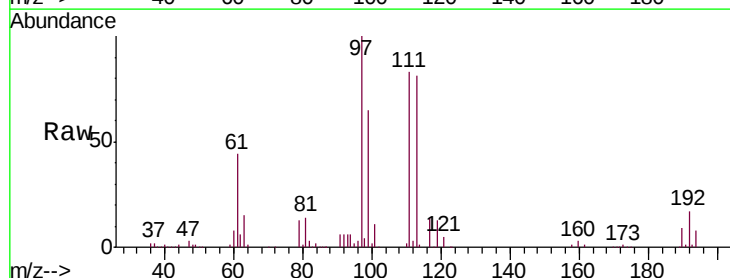
Tgt Ion: 97 Resp: 250436

Ion Ratio Lower Upper

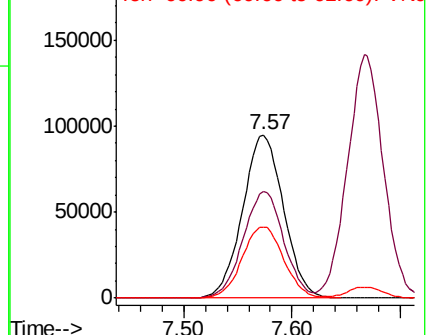
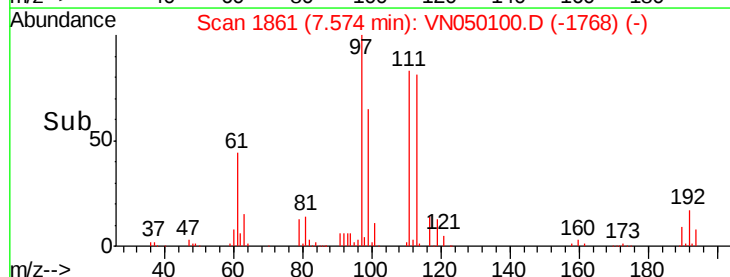
97 100

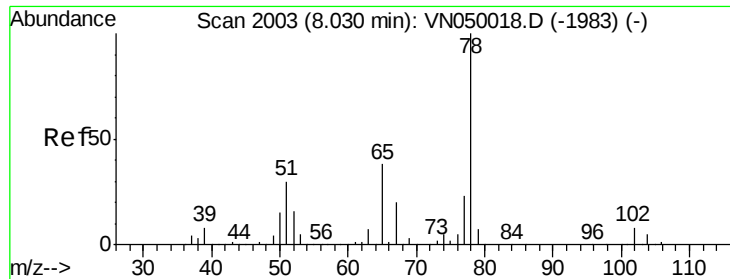
99 64.8 51.4 77.0

61 44.4 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.13 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

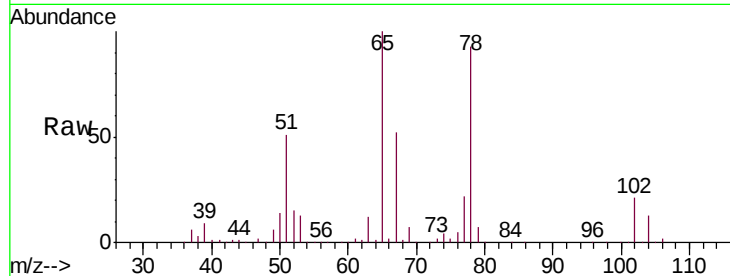
VN0726WBS02

Tot Ion: 65 Resp: 455952

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050100.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050100.D (-1910) (-)

8.03

200000

150000

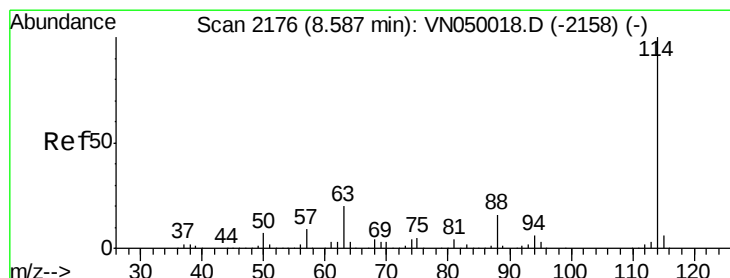
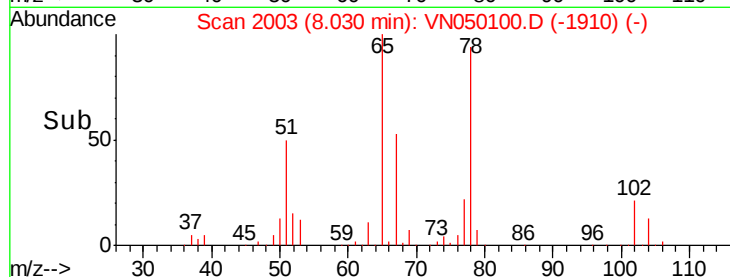
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

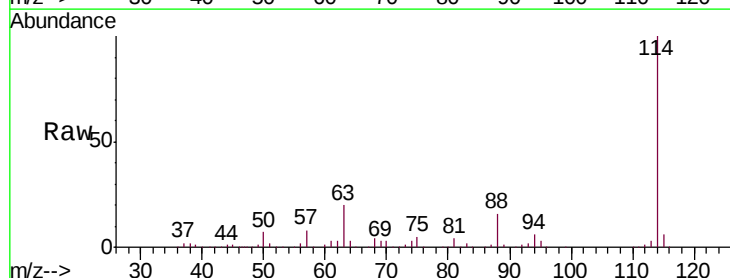
Tgt Ion: 114 Resp: 999413

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050100.D (-2084) (-)

Ion 63.00 (62.70 to 63.70): VN050100.D (-2084) (-)

Ion 87.90 (87.60 to 88.60): VN050100.D (-2084) (-)

8.59

600000

500000

400000

300000

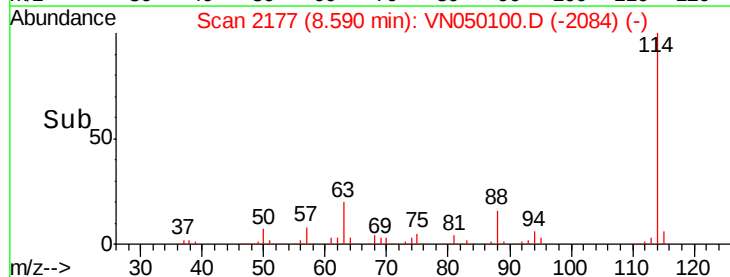
200000

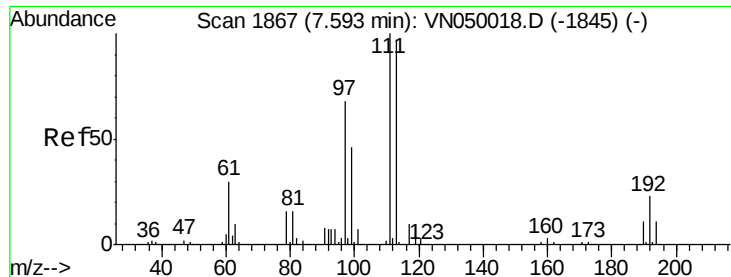
100000

0

8.50 8.60 8.70 8.80

Time-->

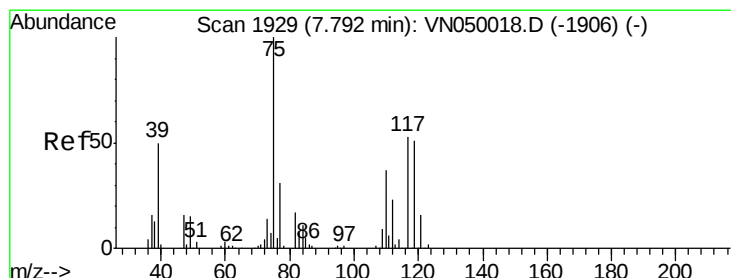
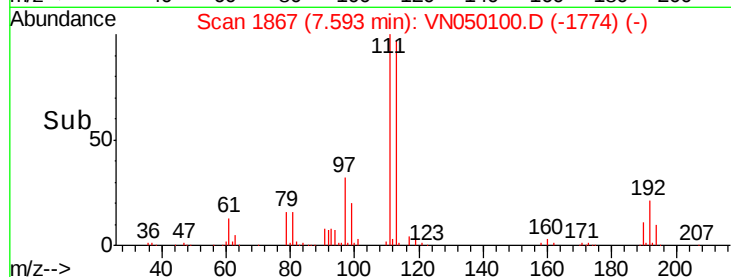
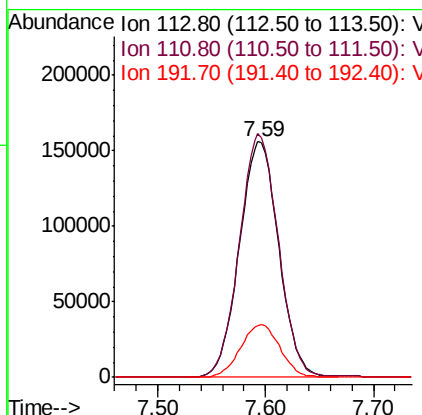
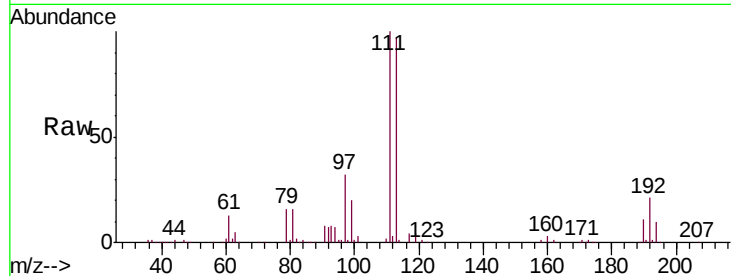




#35  
 Dibromofluoromethane  
 Concen: 48.60 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

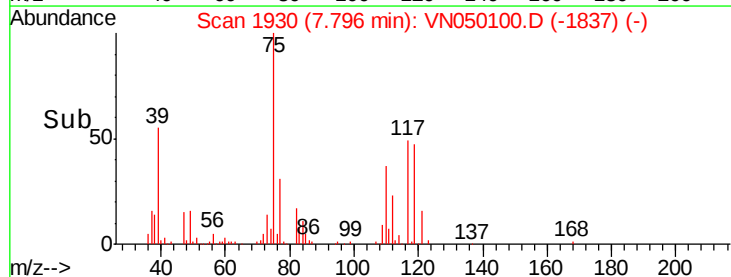
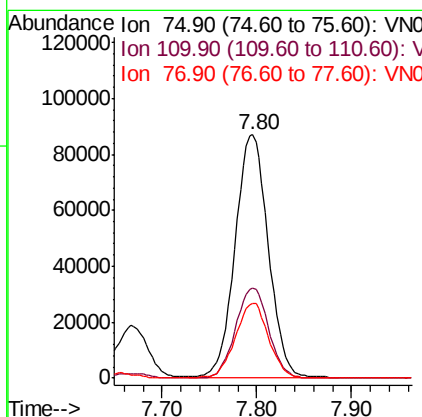
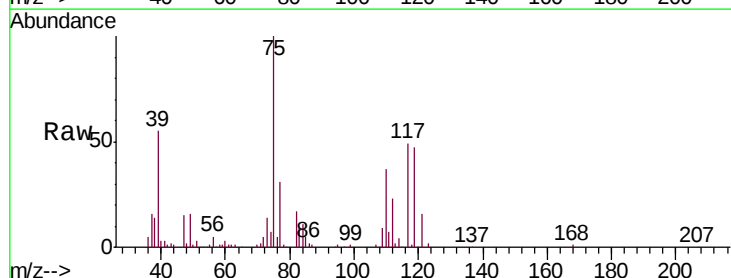
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

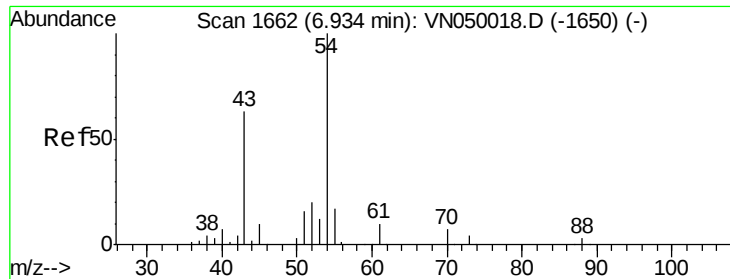
Tot Ion:113 Resp: 396554  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 80.7 121.1  
 192 22.5 17.8 26.6



#36  
 1,1-Dichloropropene  
 Concen: 18.78 ug/l  
 RT: 7.80 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

Tgt Ion: 75 Resp: 211445  
 Ion Ratio Lower Upper  
 75 100  
 110 37.0 18.4 55.2  
 77 31.1 25.3 37.9

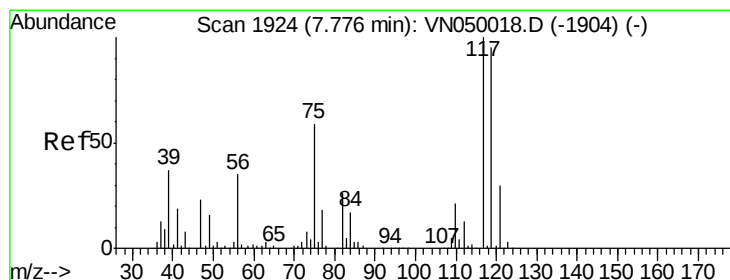
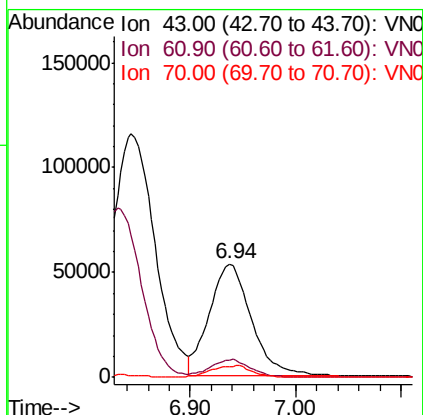
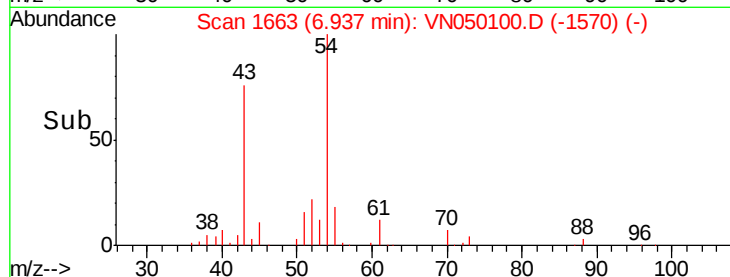
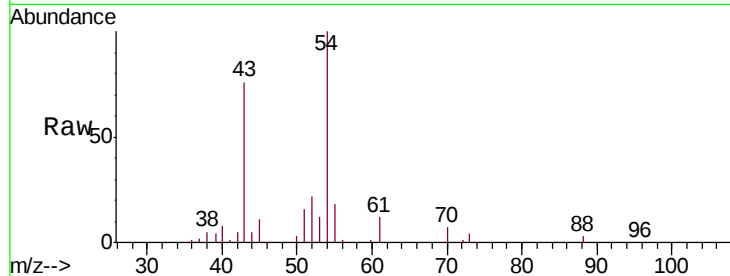




#37  
Ethyl Acetate  
Concen: 18.79 ug/l  
RT: 6.94 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

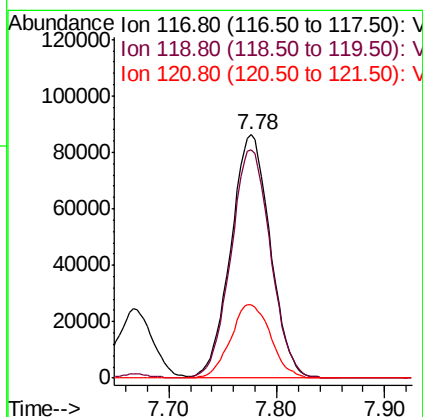
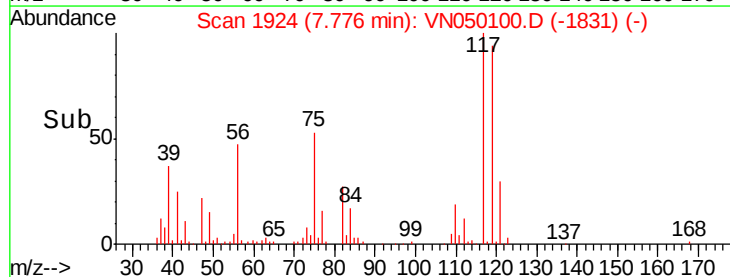
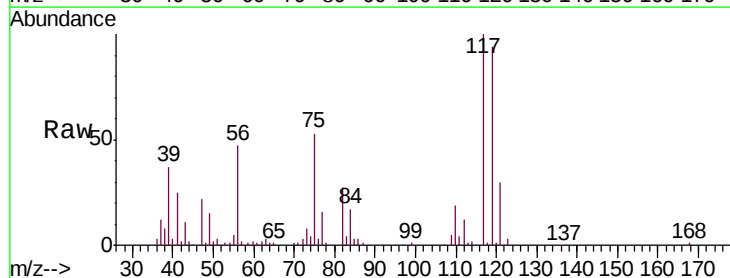
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

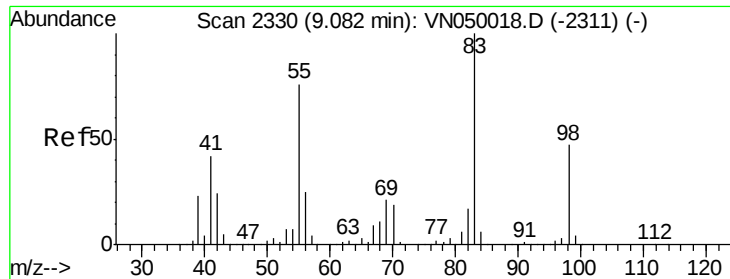
Tot Ion: 43 Resp: 147476  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.8 17.8  
70 10.4 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 18.39 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 117 Resp: 219764  
Ion Ratio Lower Upper  
117 100  
119 93.9 77.4 116.0  
121 29.9 23.9 35.9

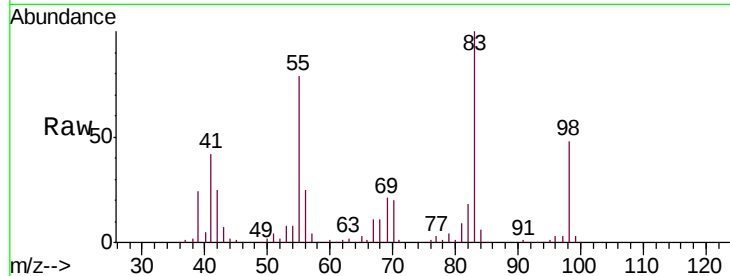




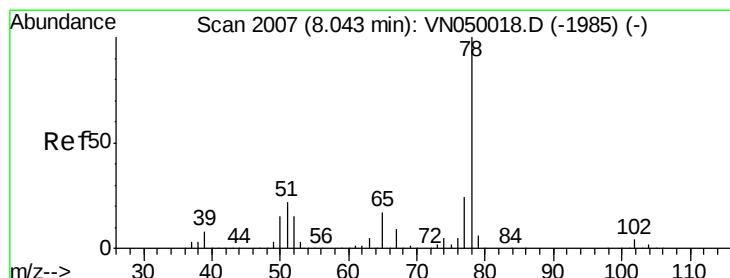
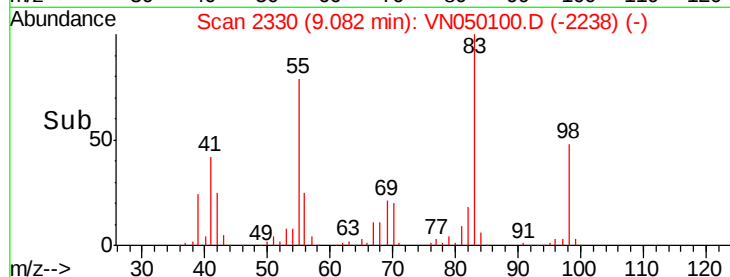
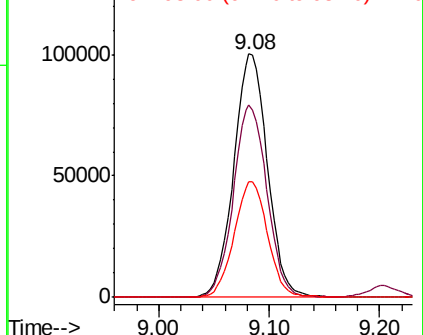
#39  
Methvlcvclohexane  
Concen: 18.31 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. -0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Tot Ion: 83 Resp: 212100  
Ion Ratio Lower Upper  
83 100  
55 78.8 61.8 92.8  
98 47.7 36.5 54.7

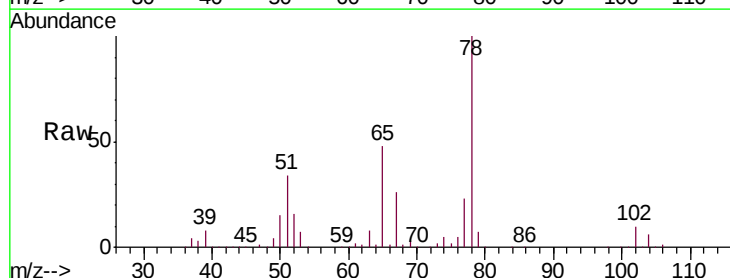


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

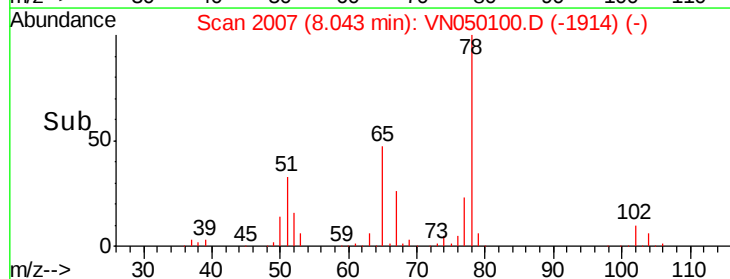
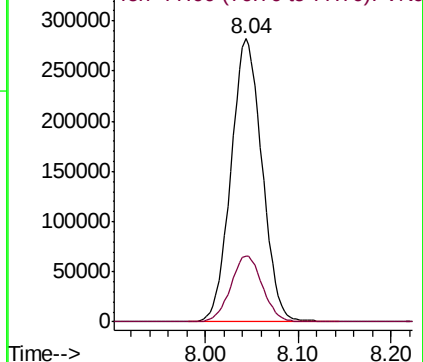


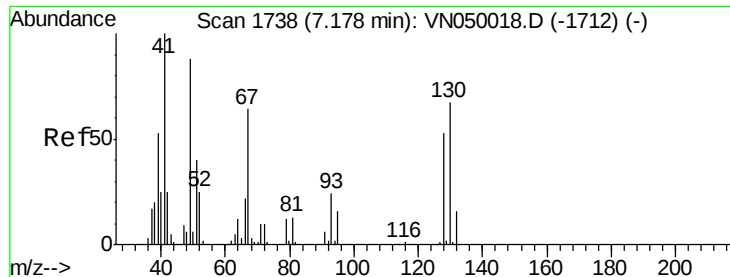
#40  
Benzene  
Concen: 19.15 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 78 Resp: 656102  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

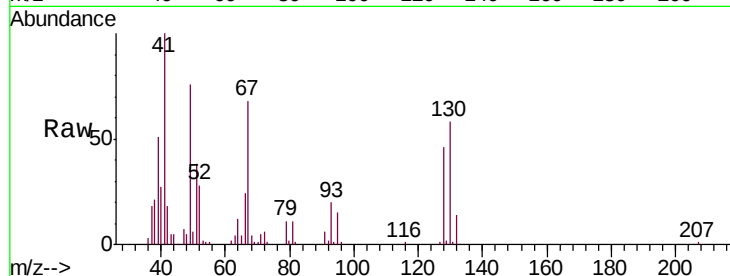




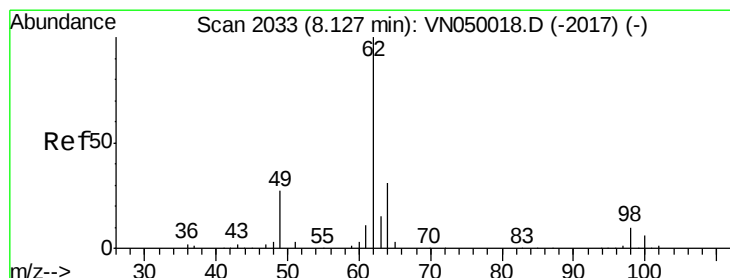
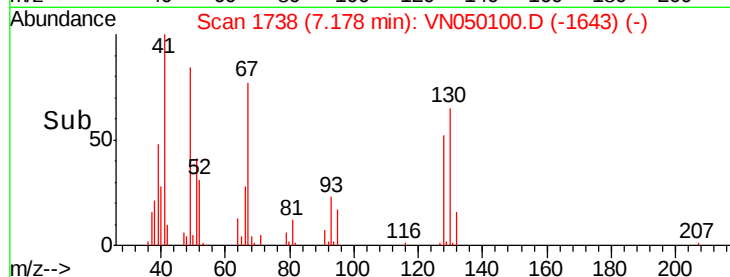
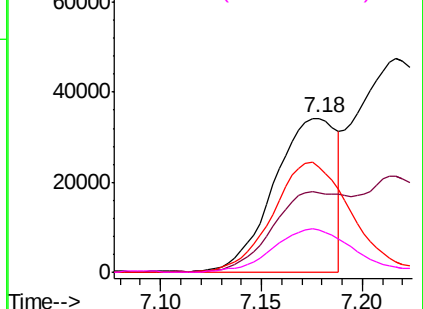
#41  
Methacrylonitrile  
Concen: 19.76 ug/l  
RT: 7.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Tot Ion: 41 Resp: 73590  
Ion Ratio Lower Upper  
41 100  
39 62.5 55.8 83.6  
67 90.1 84.3 126.5  
52 37.1 34.2 51.2

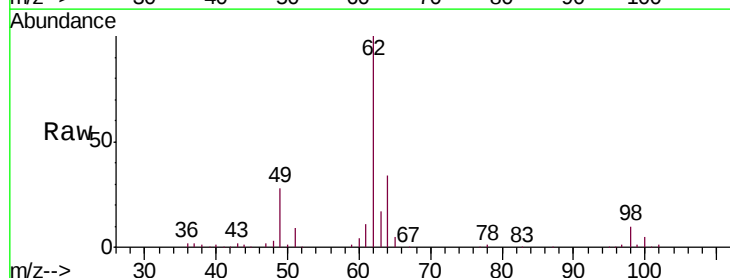


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

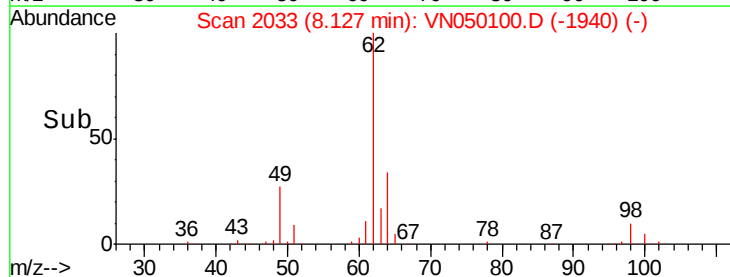
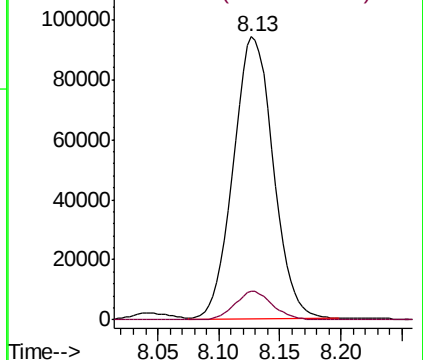


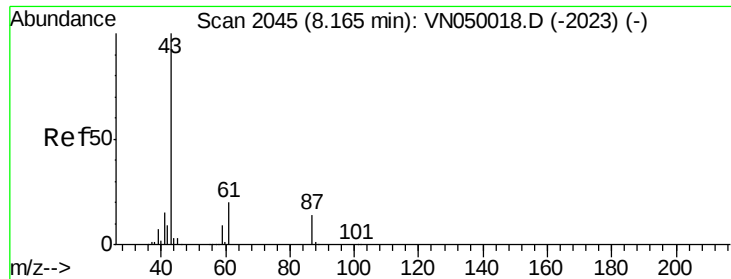
#42  
1,2-Dichloroethane  
Concen: 18.63 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 62 Resp: 212925  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 20.02 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

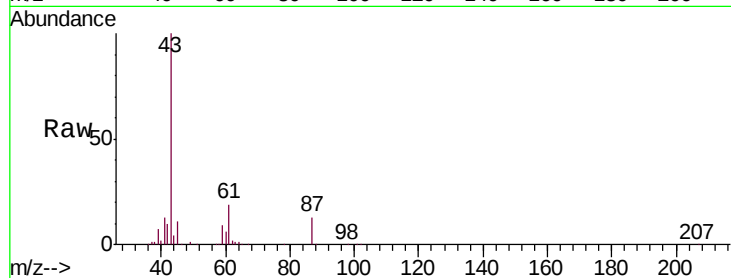
Tot Ion: 43 Resp: 306262

Ion Ratio Lower Upper

43 100

61 24.6 15.8 23.6#

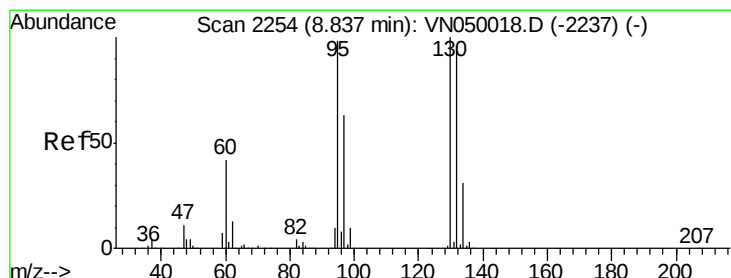
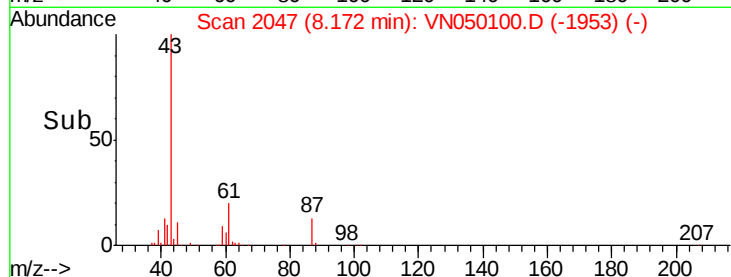
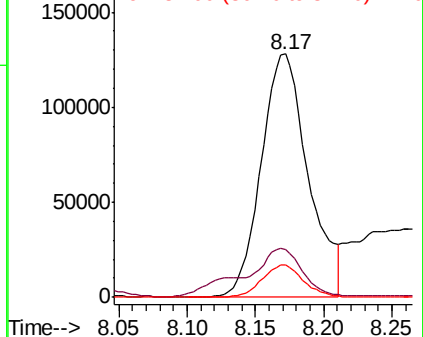
87 11.7 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.76 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050100.D

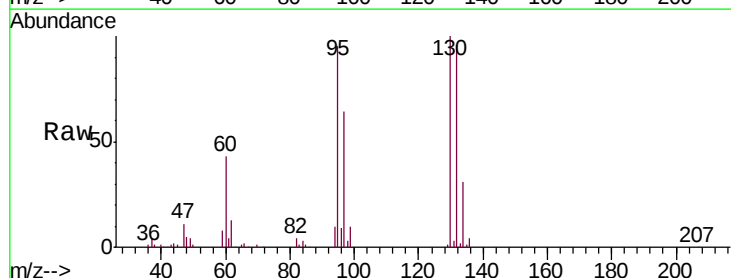
Acq: 26 Jul 2018 23:31

Tgt Ion:130 Resp: 172728

Ion Ratio Lower Upper

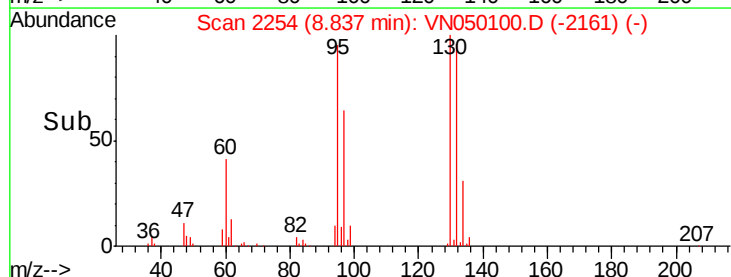
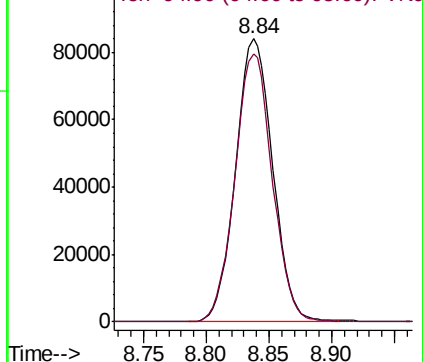
130 100

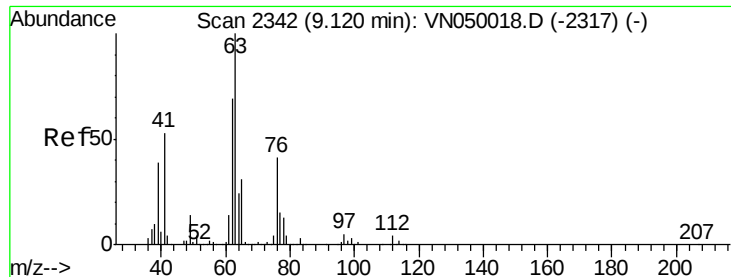
95 94.6 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

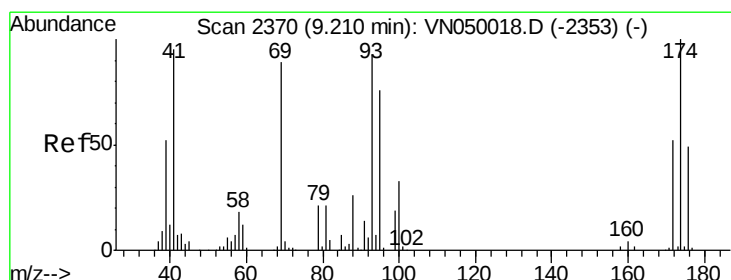
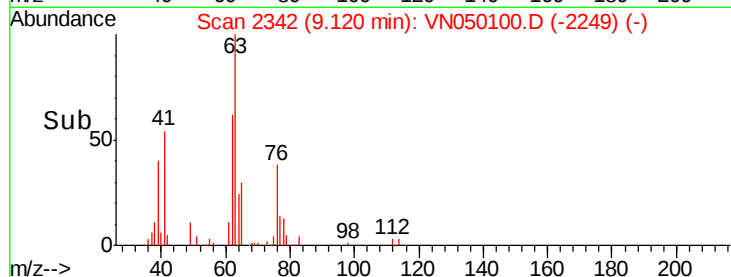
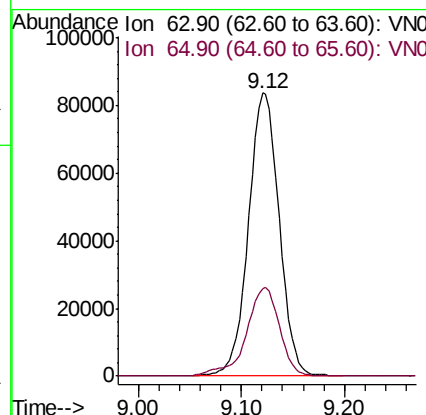
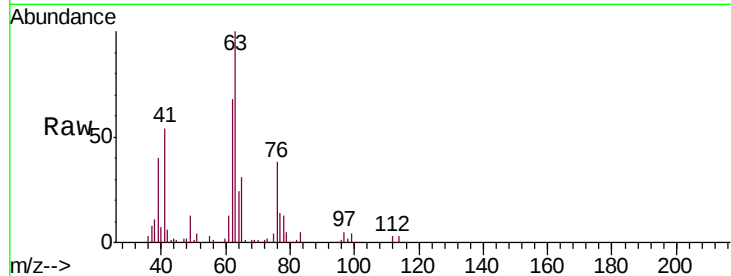




#45  
 1,2-Dichloropropane  
 Concen: 19.06 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

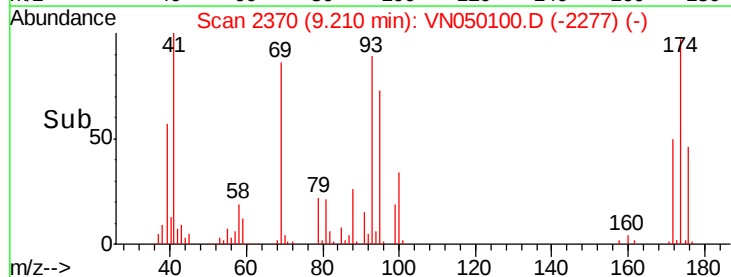
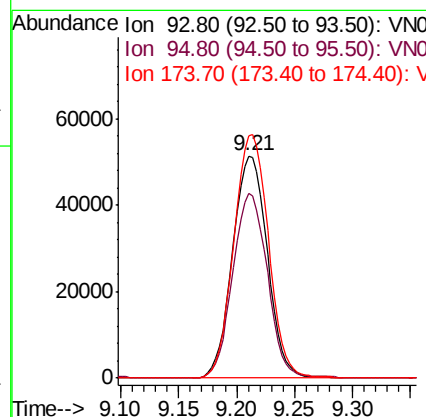
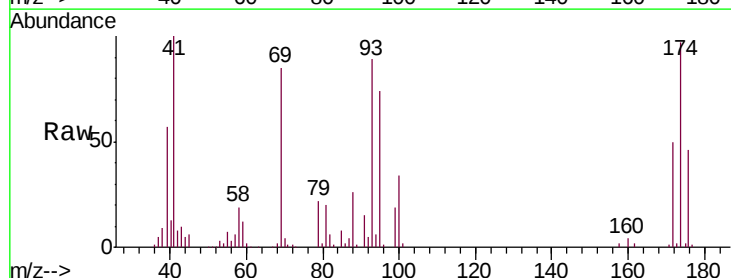
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

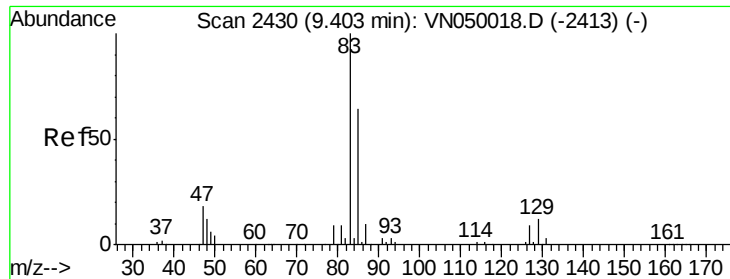
Tot Ion: 63 Resp: 173014  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 25.5 38.3



#46  
 Dibromomethane  
 Concen: 19.00 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

Tgt Ion: 93 Resp: 107067  
 Ion Ratio Lower Upper  
 93 100  
 95 82.7 66.6 100.0  
 174 109.4 87.1 130.7





#47

Bromodichloromethane

Concen: 18.68 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

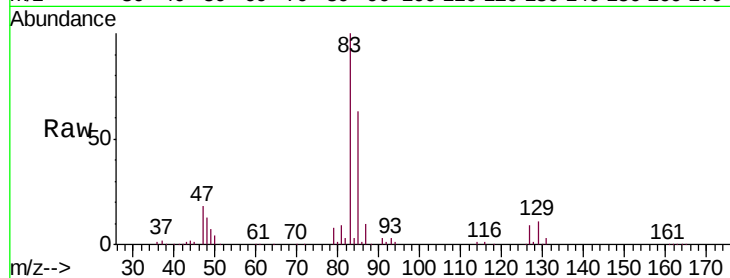
Tot Ion: 83 Resp: 222142

Ion Ratio Lower Upper

83 100

85 63.0 51.1 76.7

127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 84.90 (84.60 to 85.60): VNO  
Ion 126.80 (126.50 to 127.50): VNO

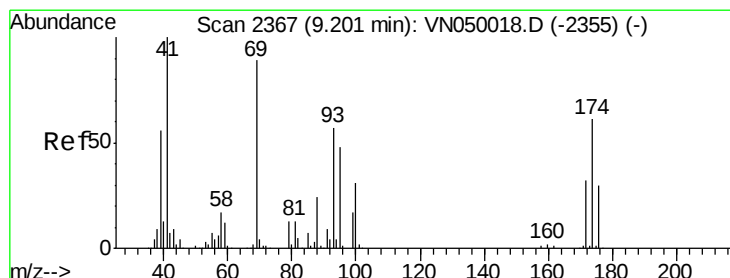
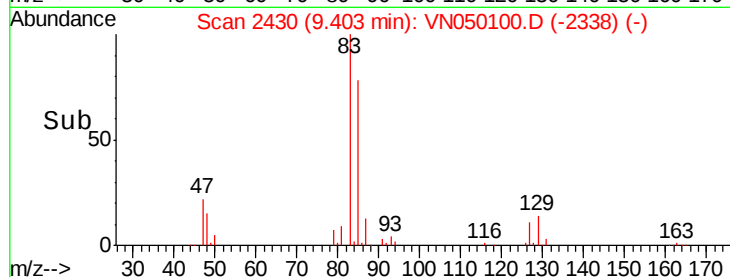
9.40

100000

50000

0

Time--> 9.30 9.40 9.50



#48

Methyl methacrylate

Concen: 19.47 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

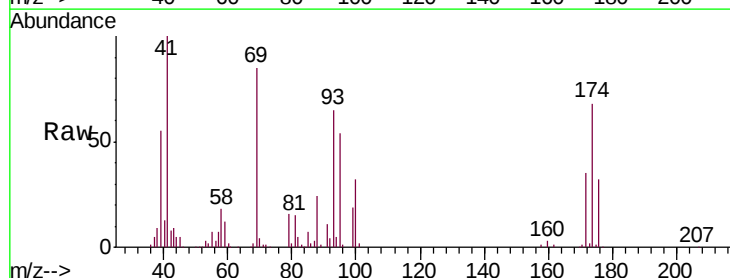
Tgt Ion: 41 Resp: 131605

Ion Ratio Lower Upper

41 100

69 86.2 70.6 105.8

39 54.0 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO

9.20

80000

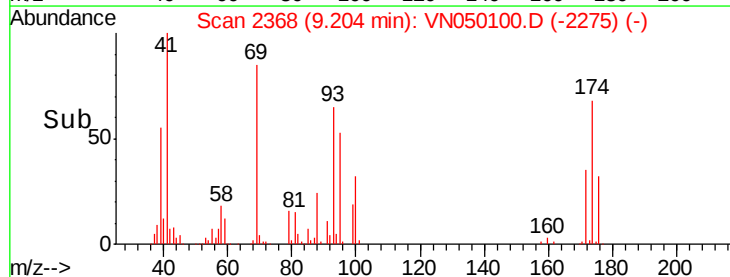
60000

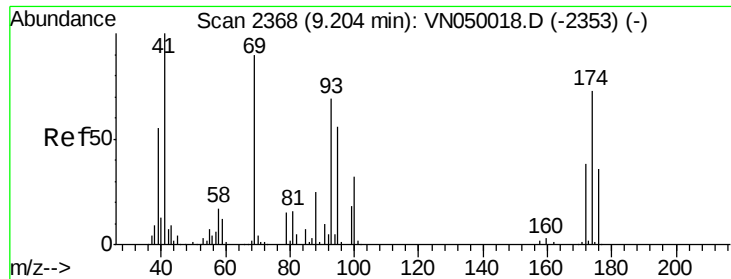
40000

20000

0

Time--> 9.15 9.20 9.25

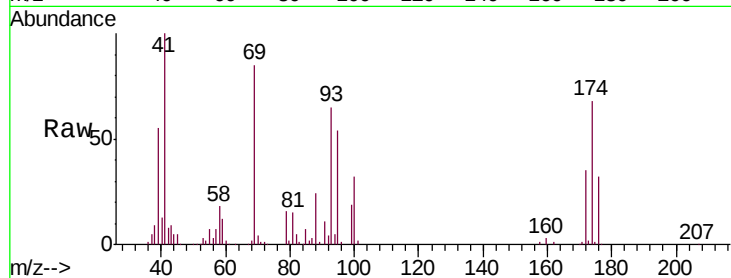




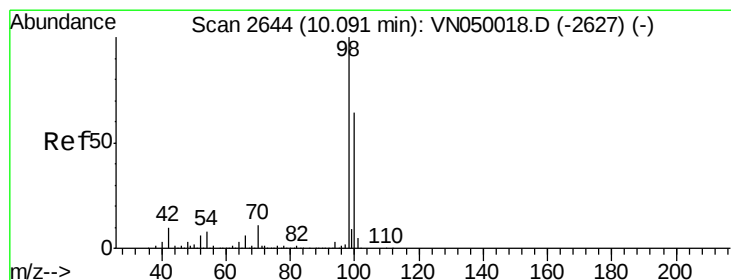
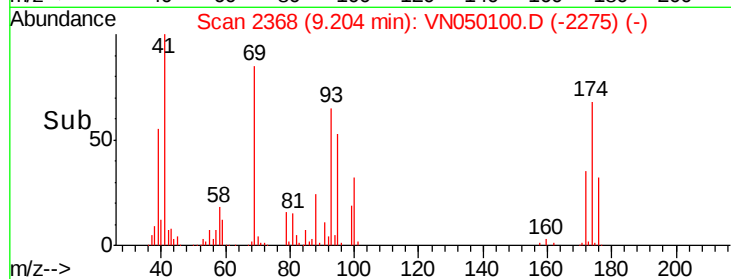
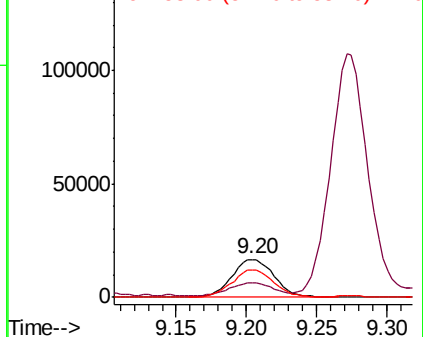
#49  
1,4-Dioxane  
Concen: 382.93 ug/l  
RT: 9.20 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Tot Ion: 88 Resp: 35233  
Ion Ratio Lower Upper  
88 100  
43 33.2 26.9 40.3  
58 71.6 57.3 85.9

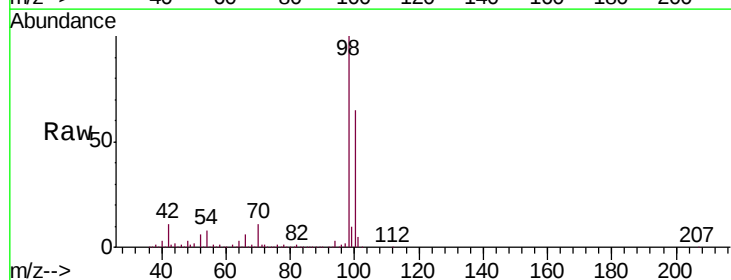


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

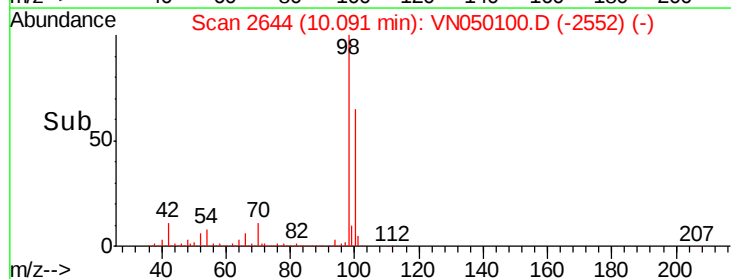
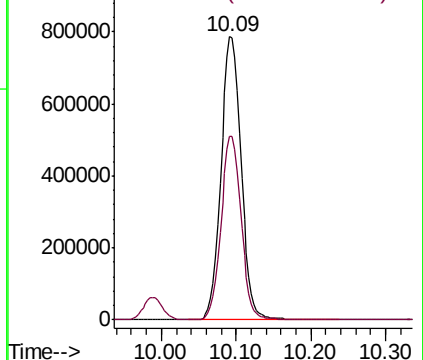


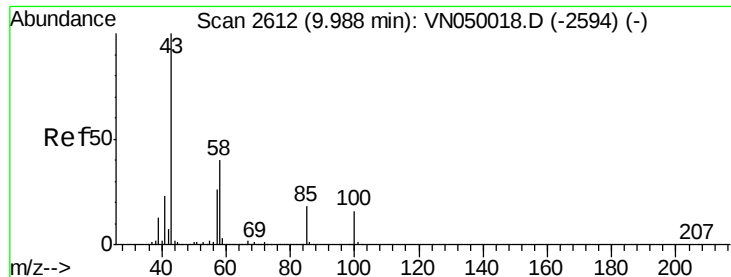
#50  
Toluene-d8  
Concen: 48.79 ug/l  
RT: 10.09 min Scan# 2644  
Delta R.T. -0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 98 Resp: 1463797  
Ion Ratio Lower Upper  
98 100  
100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.20 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

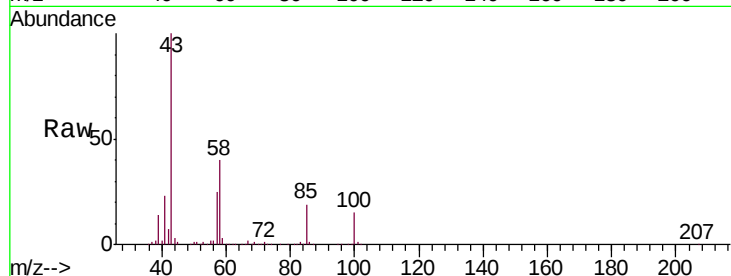
VN0726WBS02

Tot Ion: 43 Resp: 757851

Ion Ratio Lower Upper

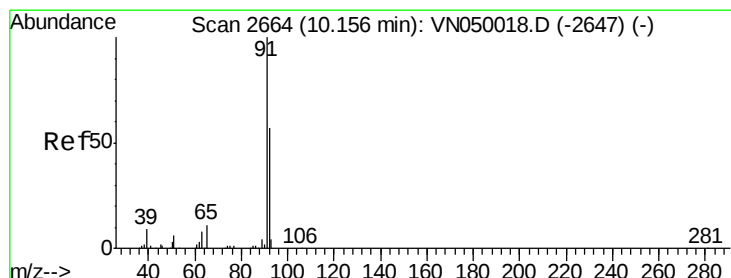
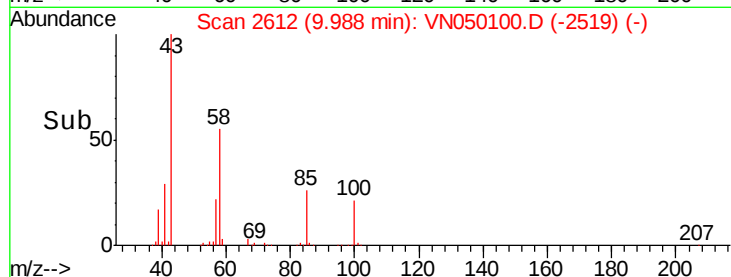
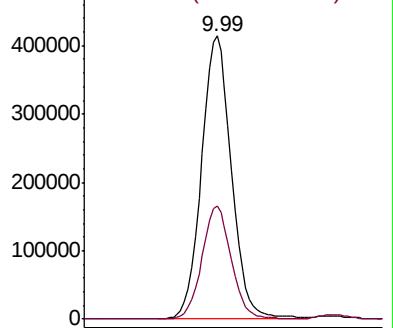
43 100

58 39.4 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.70 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050100.D

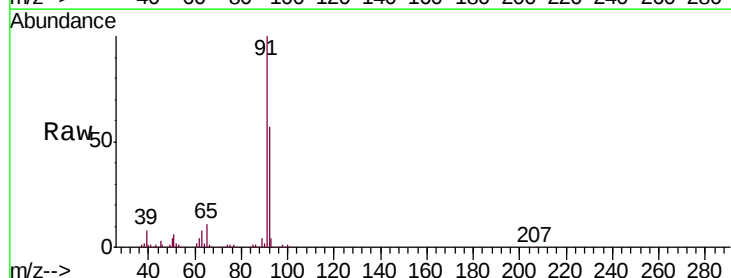
Acq: 26 Jul 2018 23:31

Tgt Ion: 92 Resp: 398449

Ion Ratio Lower Upper

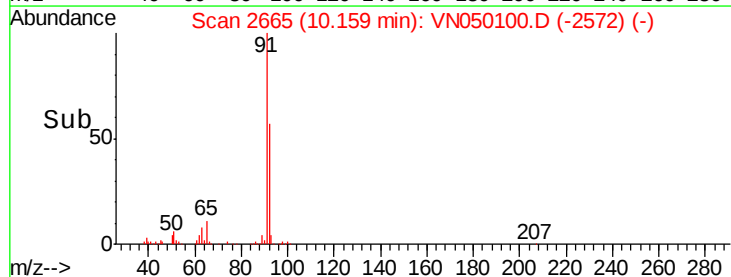
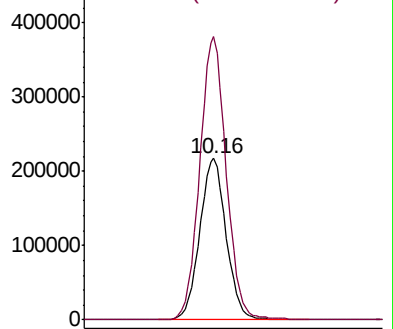
92 100

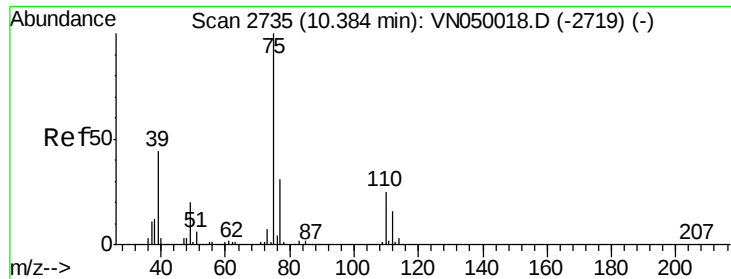
91 175.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.57 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

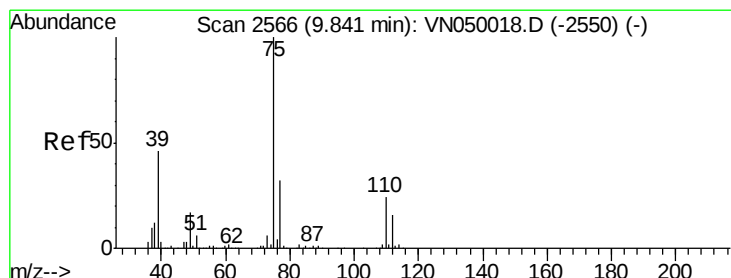
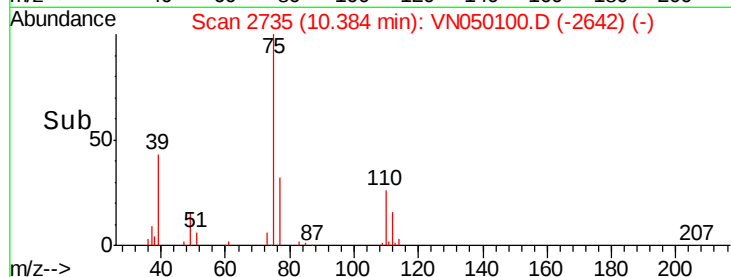
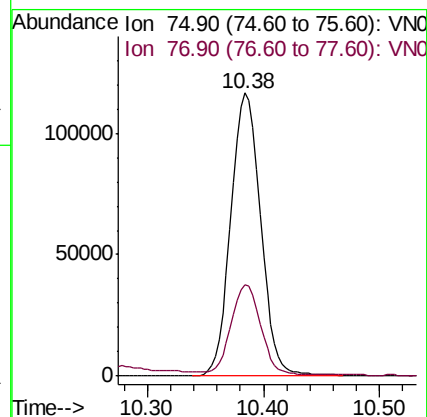
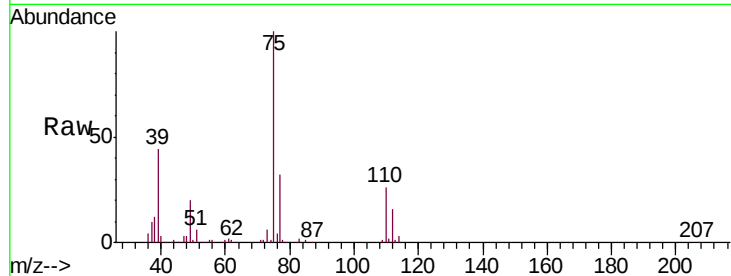
VN0726WBS02

Tot Ion: 75 Resp: 208435

Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 18.69 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

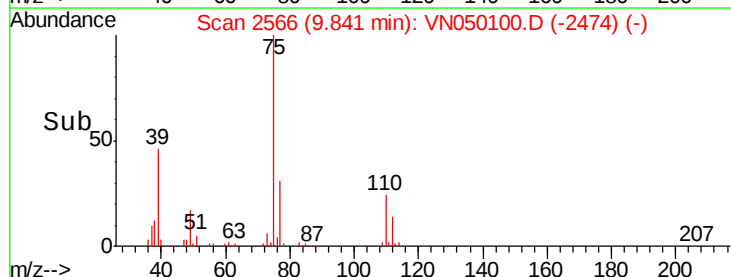
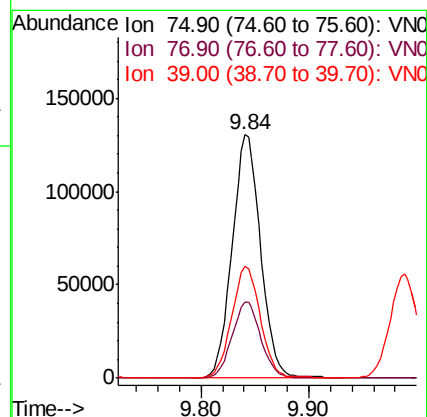
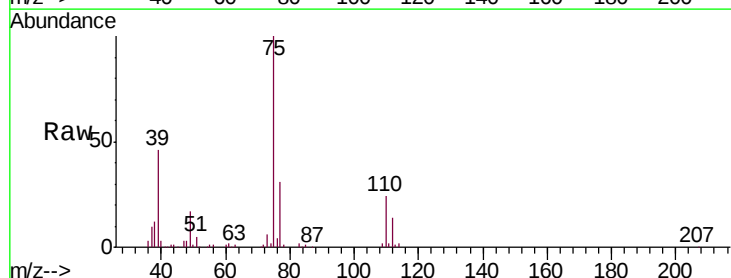
Tgt Ion: 75 Resp: 239741

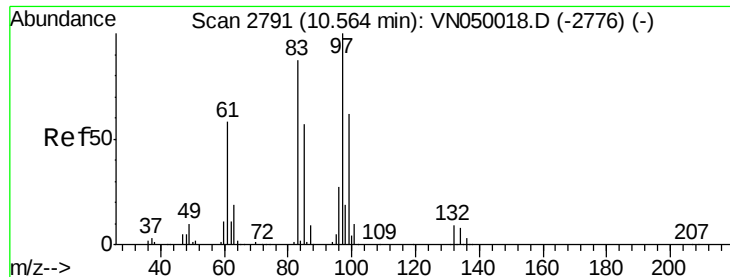
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 45.7 36.6 55.0

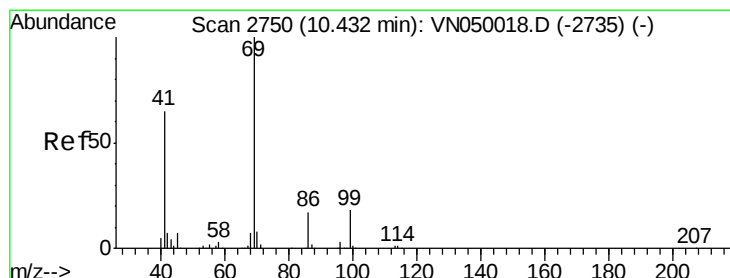
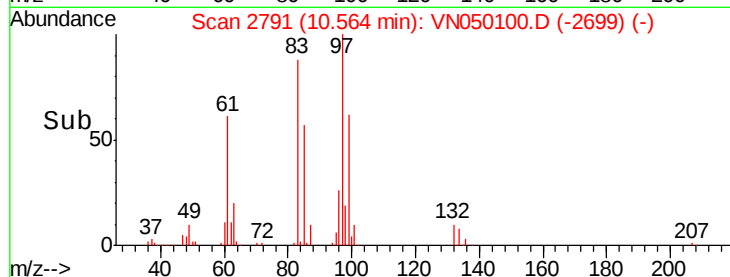
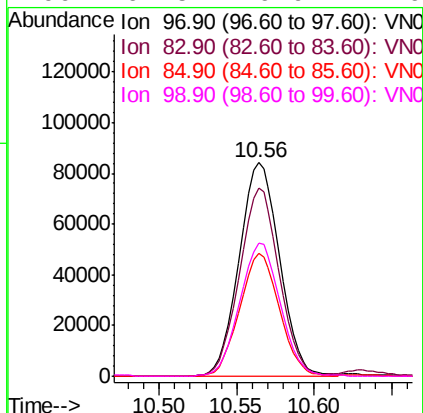
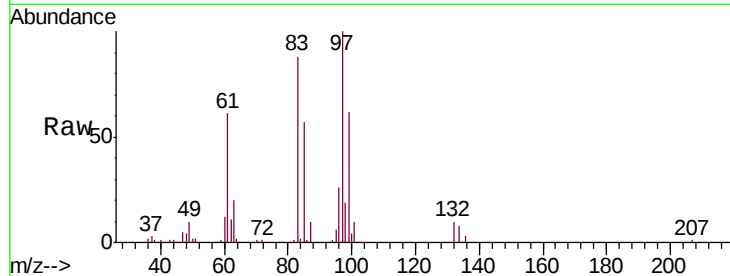




#55  
 1,1,2-Trichloroethane  
 Concen: 19.10 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. -0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

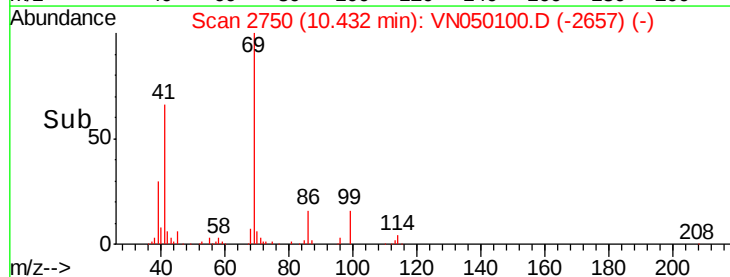
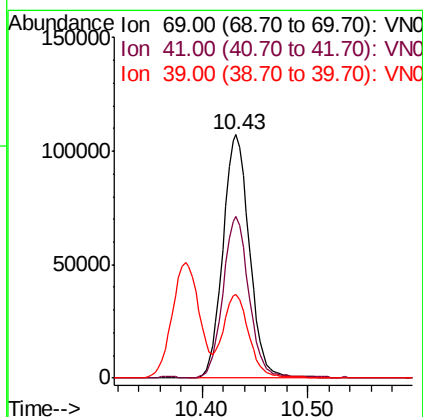
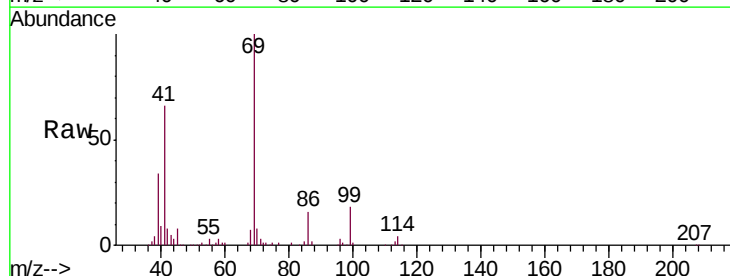
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

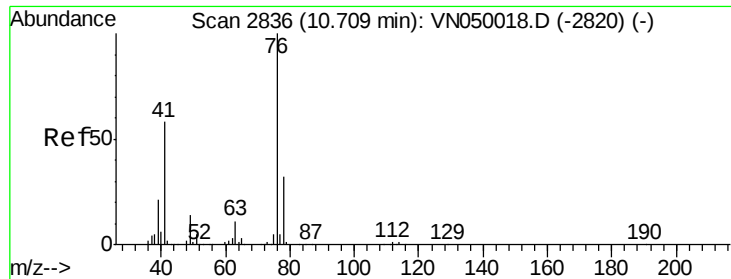
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.0  | 69.2  | 103.8 |
| 85      | 57.4  | 44.0  | 66.0  |
| 99      | 62.5  | 49.9  | 74.9  |



#56  
 Ethyl methacrylate  
 Concen: 18.47 ug/l  
 RT: 10.43 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.1  | 51.0  | 76.4  |
| 39      | 33.3  | 26.6  | 40.0  |





#57

1,3-Dichloropropane

Concen: 19.17 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

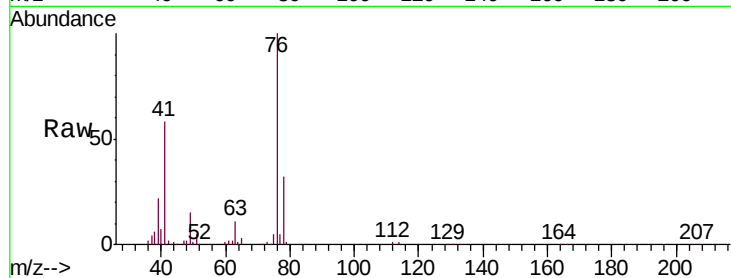
VN0726WBS02

Tot Ion: 76 Resp: 250432

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

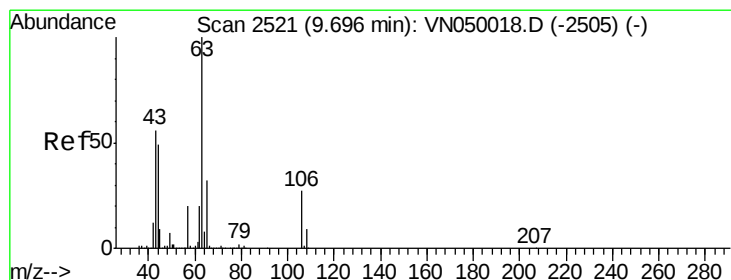
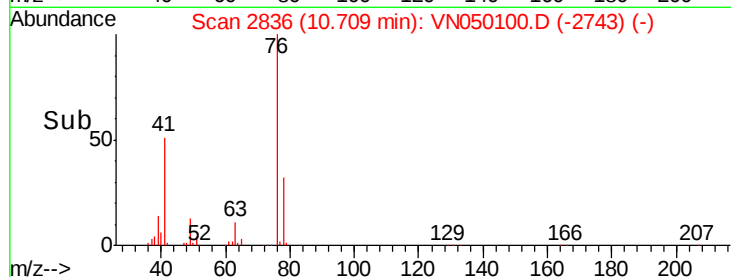
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.75 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050100.D

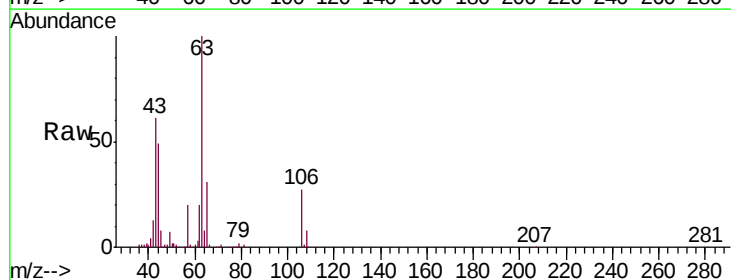
Acq: 26 Jul 2018 23:31

Tgt Ion: 63 Resp: 437442

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

250000

200000

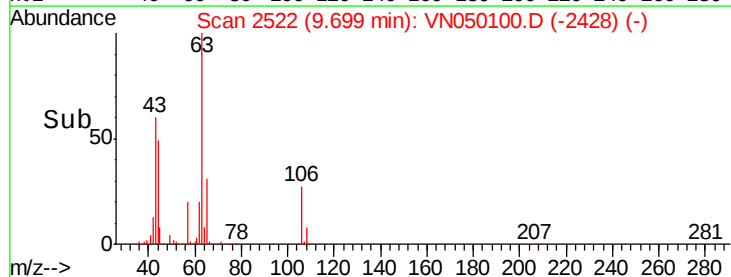
150000

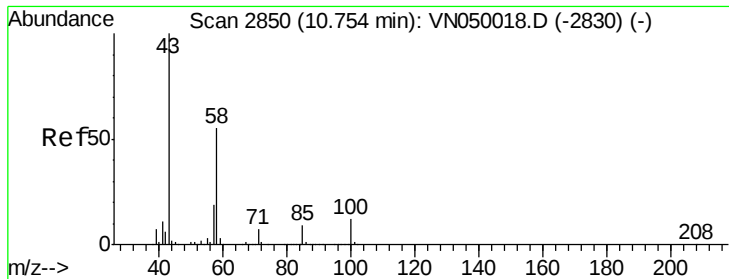
100000

50000

0

Time-->

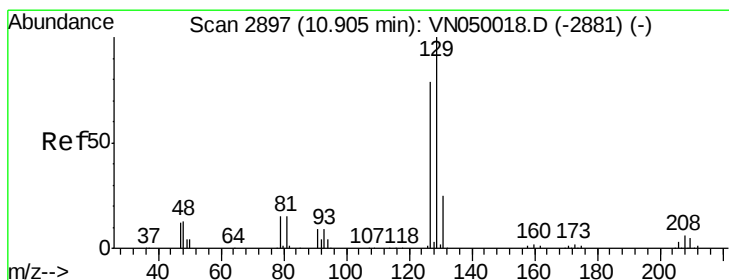
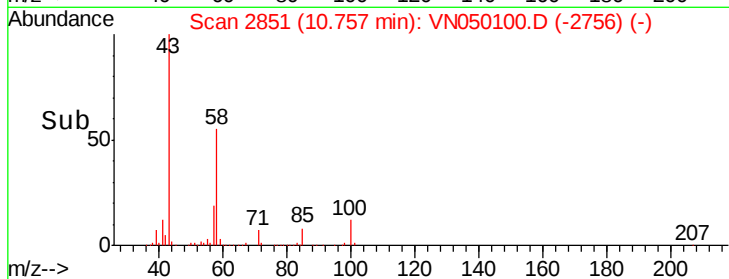
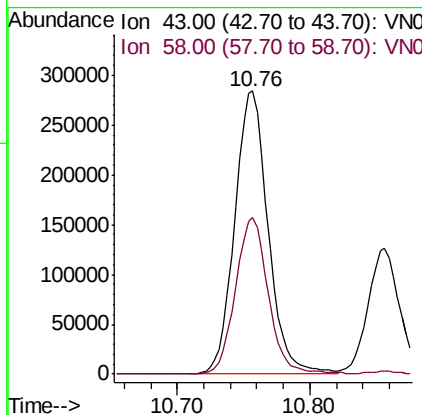
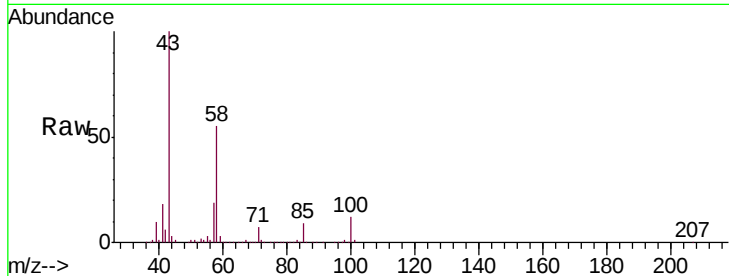




#59  
2-Hexanone  
Concen: 90.56 ug/l  
RT: 10.76 min Scan# 2851  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

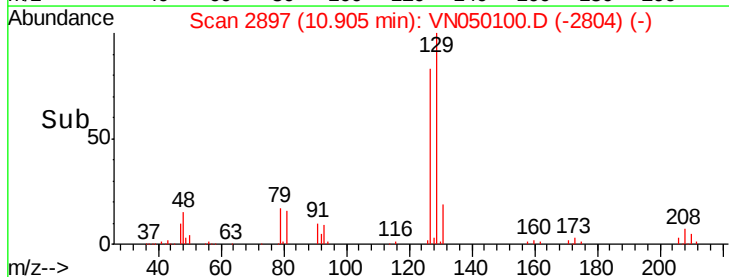
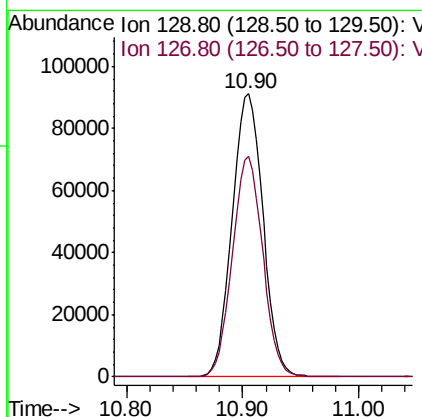
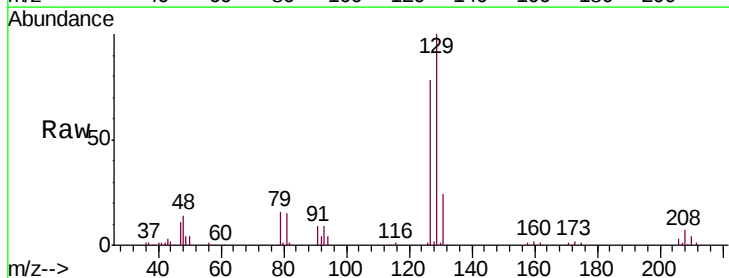
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

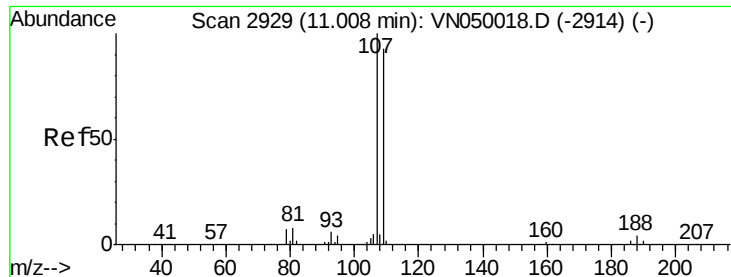
Tot Ion: 43 Resp: 494412  
Ion Ratio Lower Upper  
43 100  
58 54.6 27.6 82.7



#60  
Dibromochloromethane  
Concen: 18.90 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 129 Resp: 167878  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.0 113.9

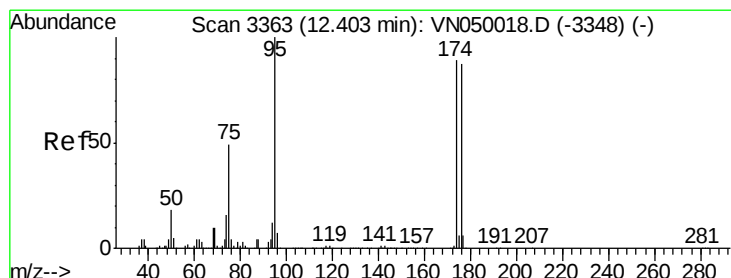
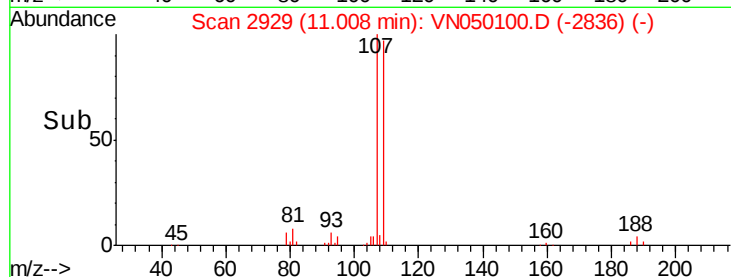
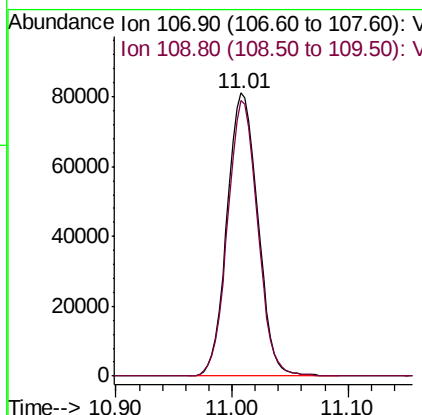
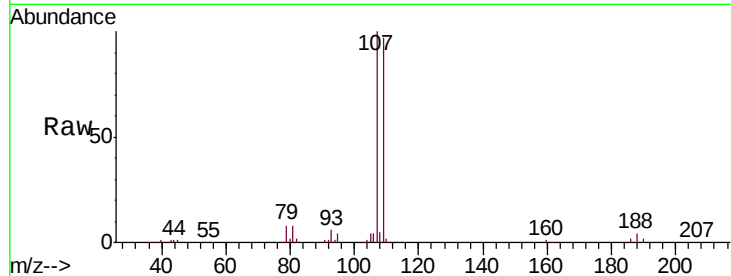




#61  
 1,2-Dibromoethane  
 Concen: 18.77 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

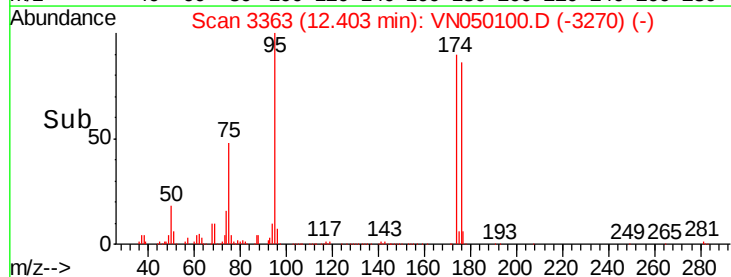
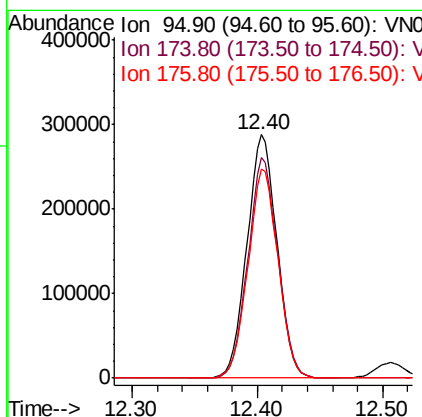
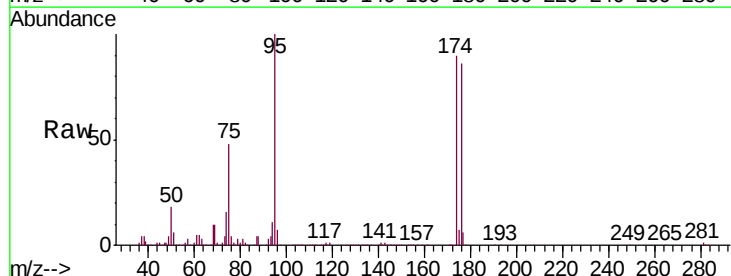
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

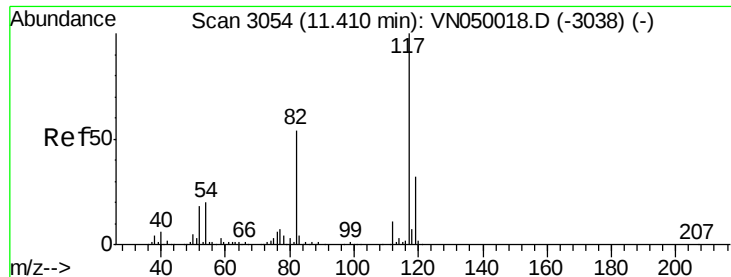
Tot Ion:107 Resp: 149373  
 Ion Ratio Lower Upper  
 107 100  
 109 95.0 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 48.64 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

Tgt Ion: 95 Resp: 480474  
 Ion Ratio Lower Upper  
 95 100  
 174 90.0 0.0 178.2  
 176 86.0 0.0 173.4

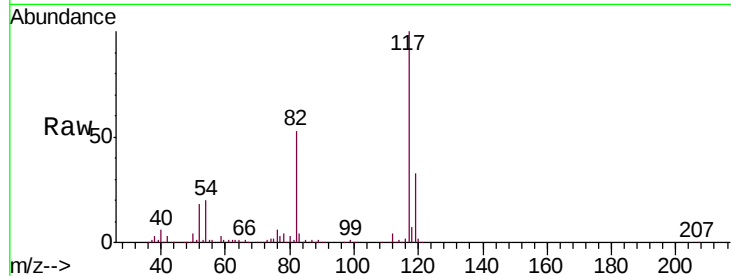




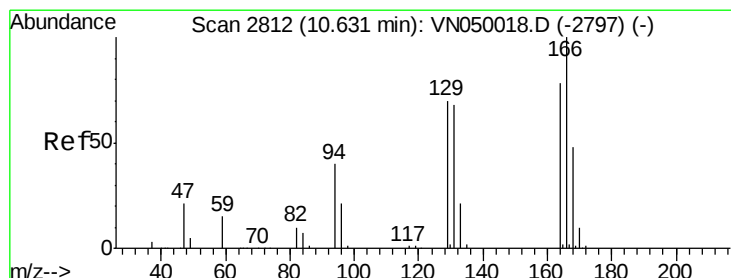
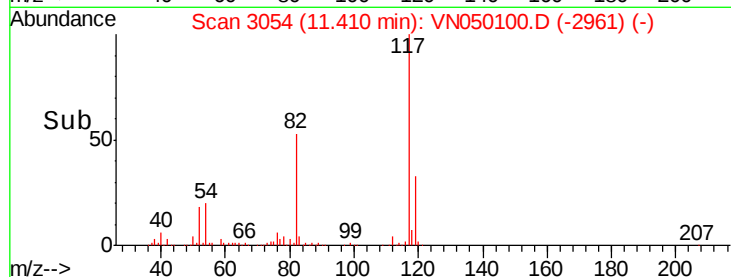
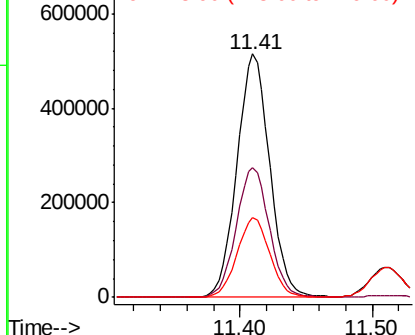
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

Tot Ion:117 Resp: 883994  
Ion Ratio Lower Upper  
117 100  
82 53.3 43.7 65.5  
119 32.7 26.1 39.1

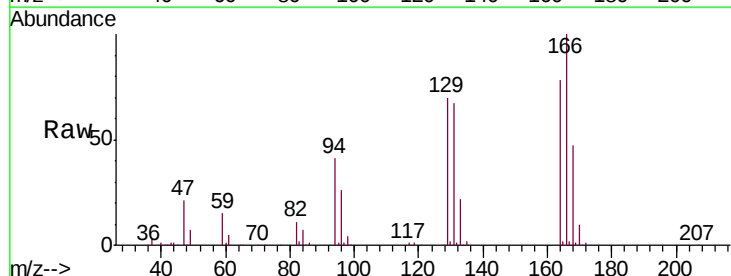


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

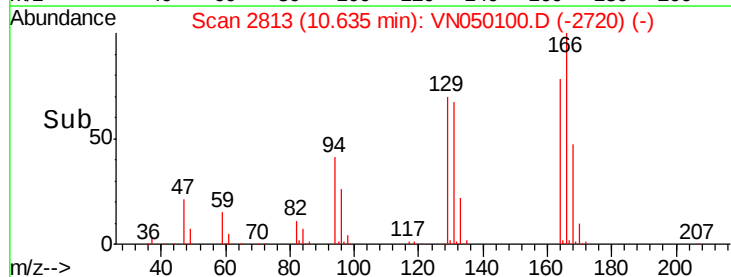
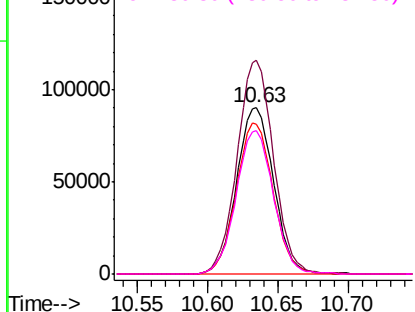


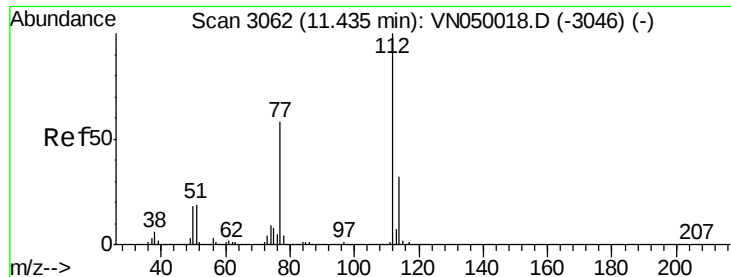
#64  
Tetrachloroethene  
Concen: 19.51 ug/l  
RT: 10.63 min Scan# 2813  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion:164 Resp: 165787  
Ion Ratio Lower Upper  
164 100  
166 128.5 102.1 153.1  
129 90.5 73.2 109.8  
131 86.0 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.22 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

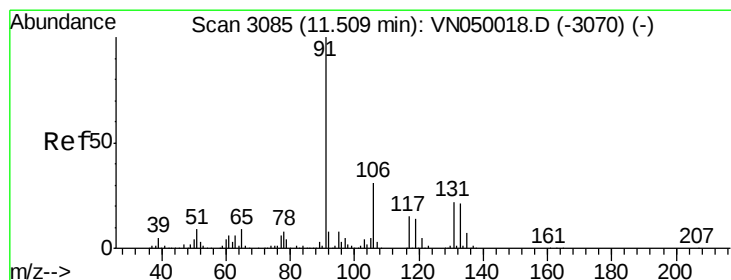
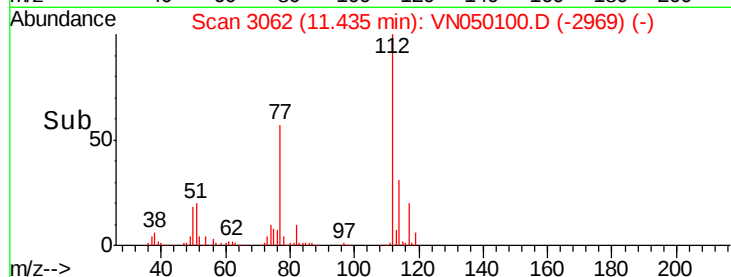
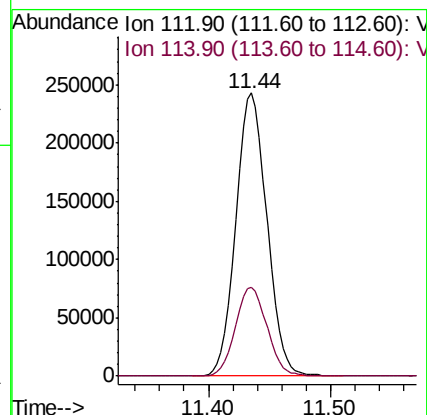
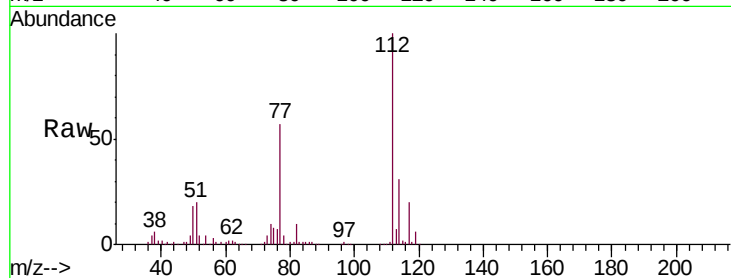
VN0726WBS02

Tot Ion:112 Resp: 429079

Ion Ratio Lower Upper

112 100

114 31.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.07 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

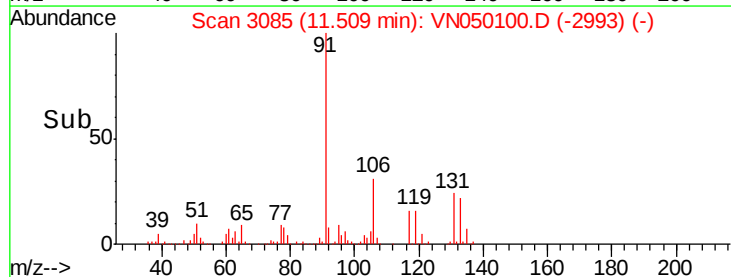
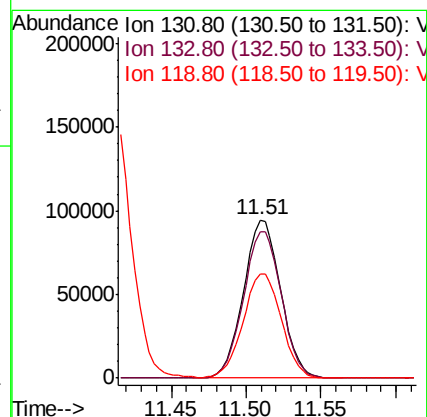
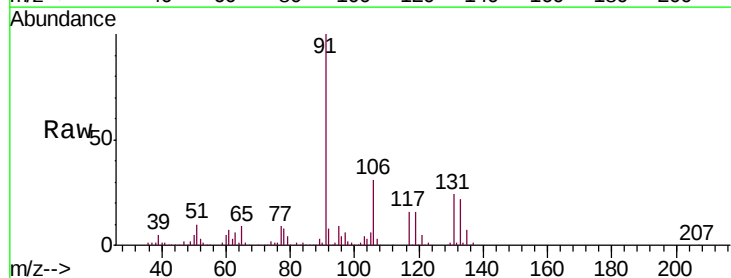
Tgt Ion:131 Resp: 163647

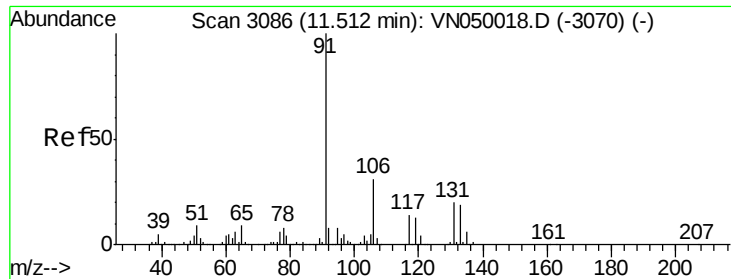
Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.9

119 67.8 32.9 98.7





#67

Ethyl Benzene

Concen: 19.94 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

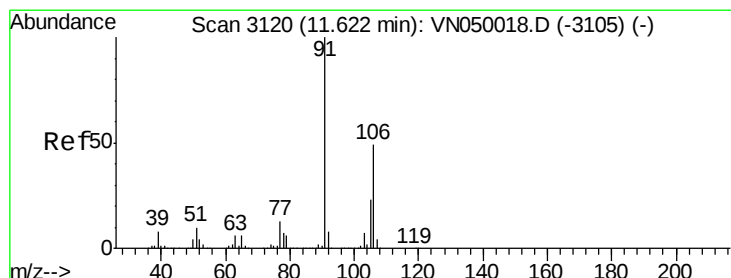
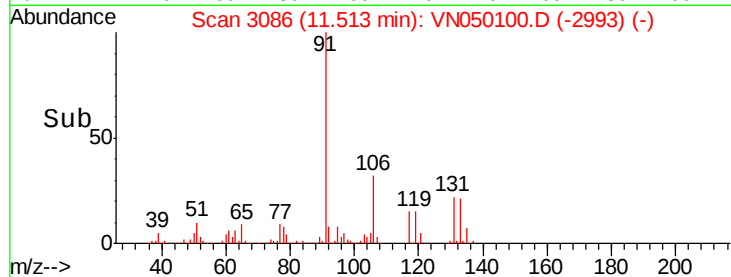
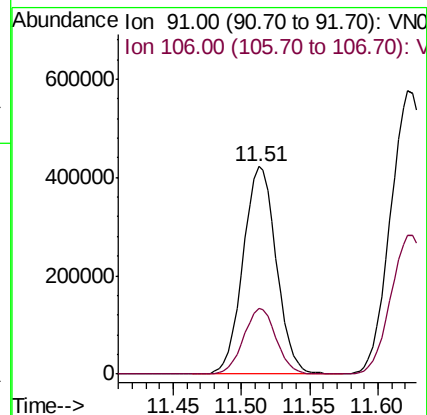
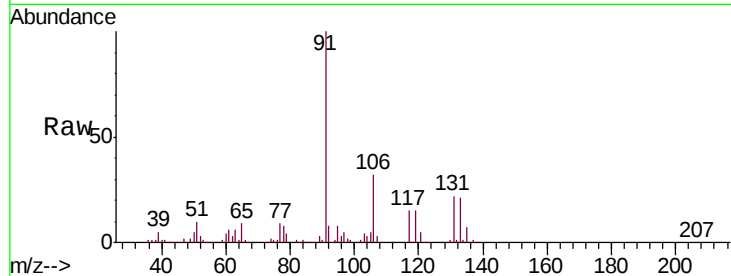
VN0726WBS02

Tot Ion: 91 Resp: 715097

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 40.80 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN050100.D

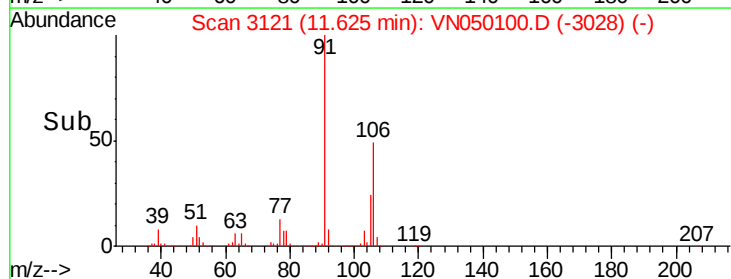
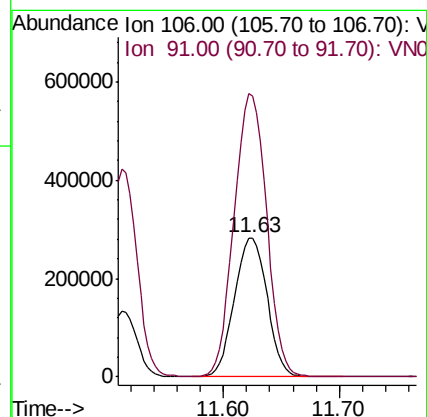
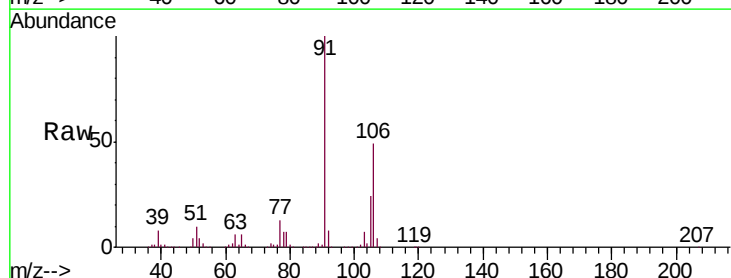
Acq: 26 Jul 2018 23:31

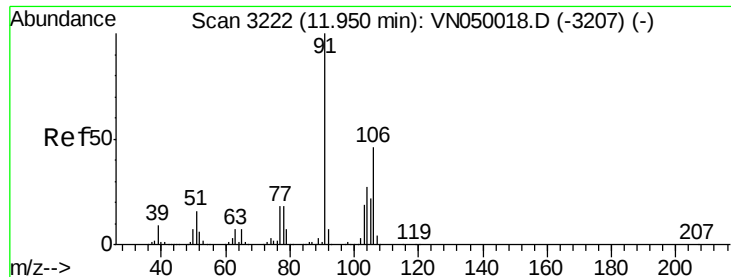
Tgt Ion: 106 Resp: 553606

Ion Ratio Lower Upper

106 100

91 201.9 162.2 243.2

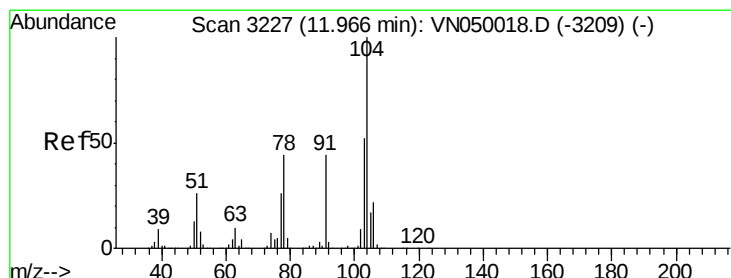
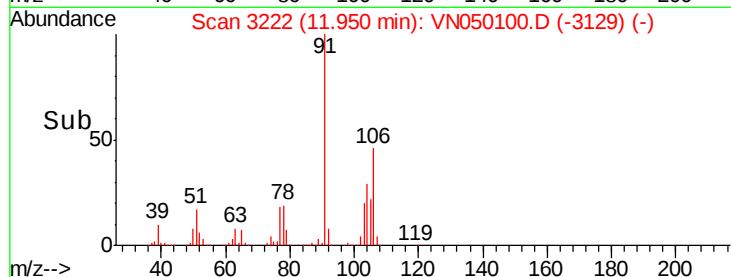
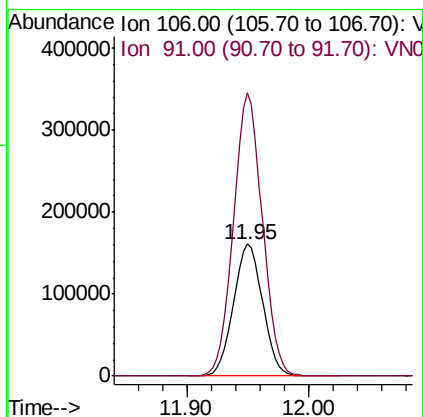
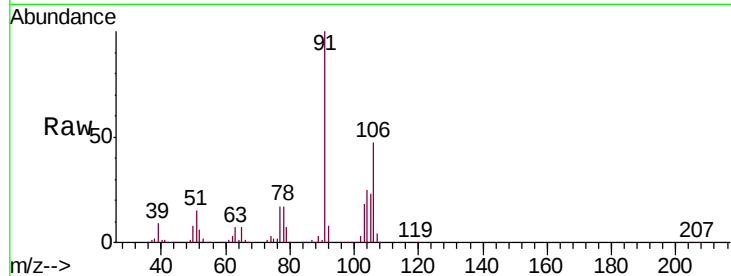




#69  
o-Xylene  
Concen: 20.72 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

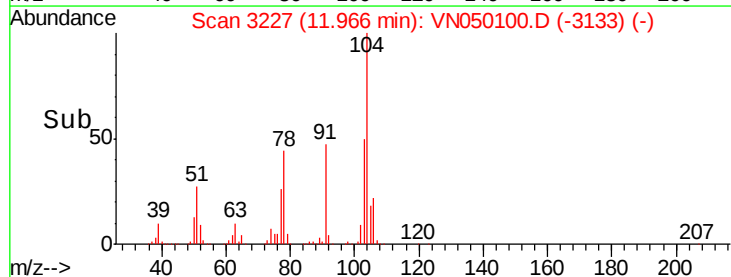
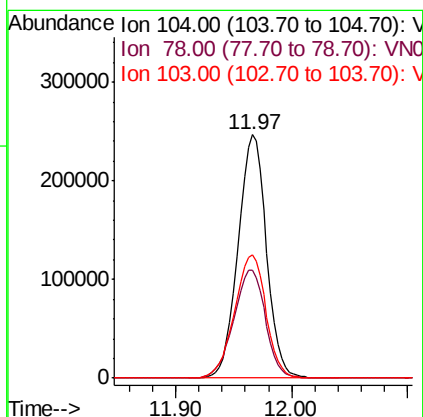
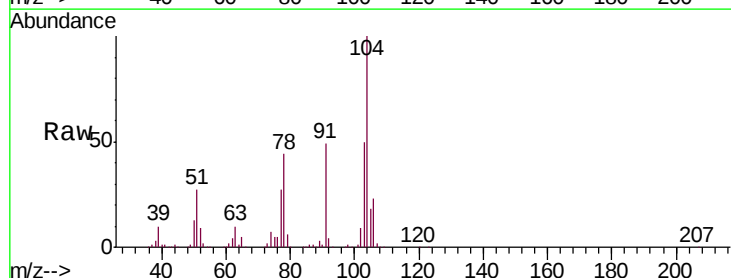
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0726WBS02

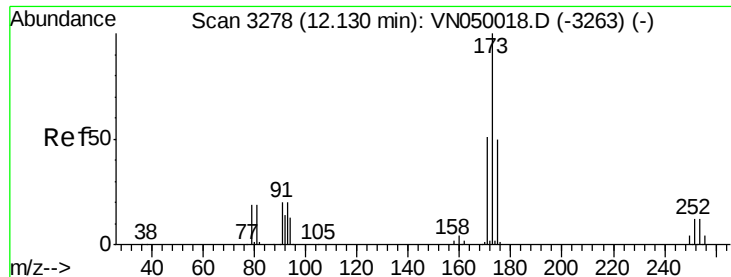
Tot Ion:106 Resp: 267939  
Ion Ratio Lower Upper  
106 100  
91 212.2 107.7 323.1



#70  
Styrene  
Concen: 18.80 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion:104 Resp: 419013  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.3 58.9  
103 56.3 45.0 67.6





#71

Bromoform

Concen: 18.75 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

VN0726WBS02

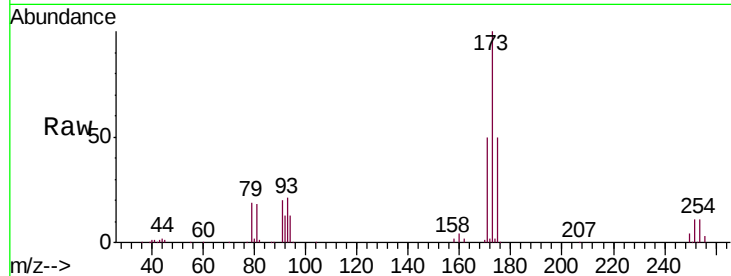
Tot Ion:173 Resp: 117009

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

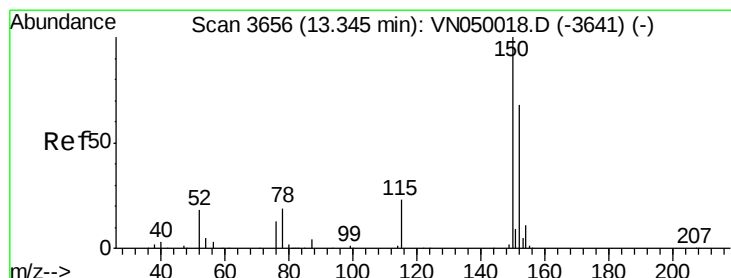
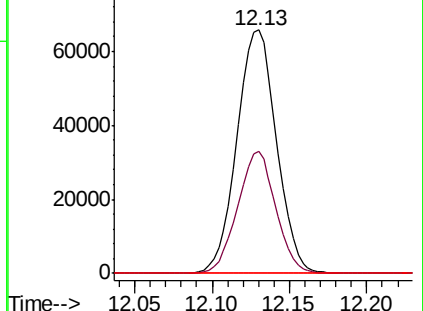
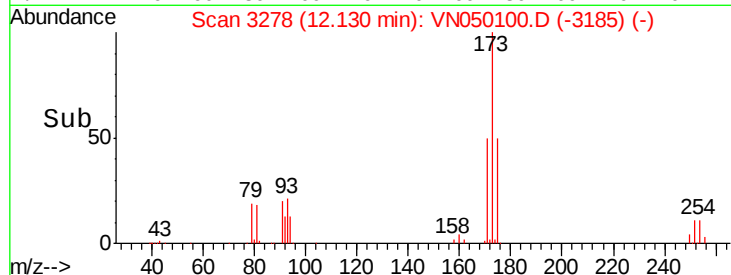
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

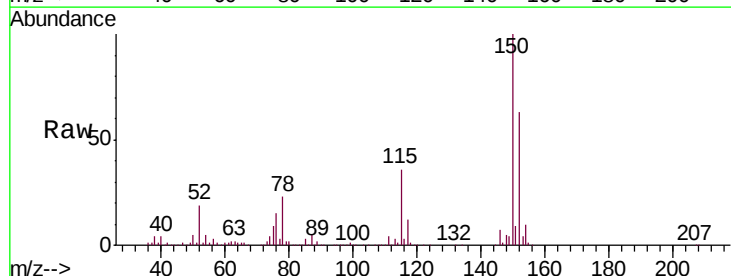
Tgt Ion:152 Resp: 439381

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.3

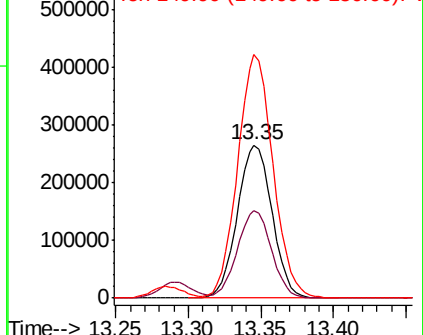
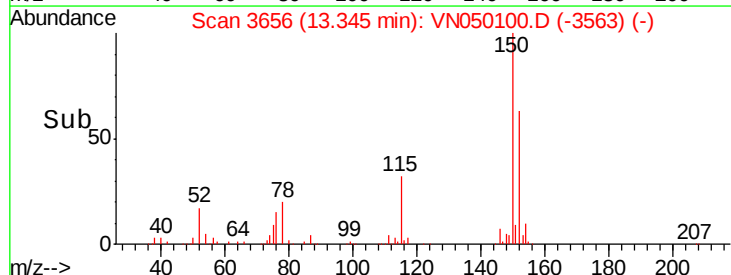
150 163.1 0.0 348.6

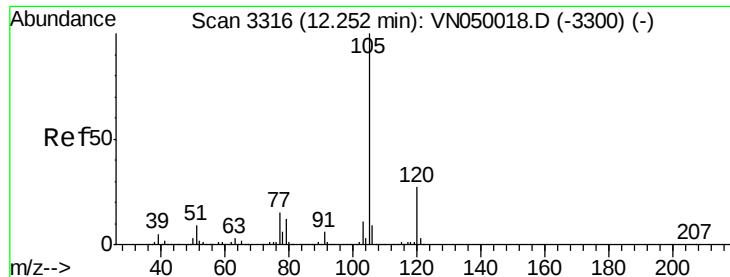


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.76 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

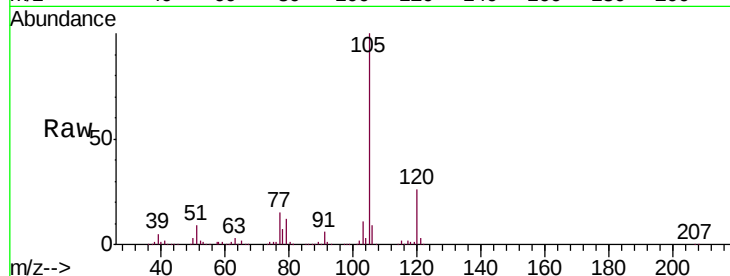
VN0726WBS02

Tot Ion:105 Resp: 707572

Ion Ratio Lower Upper

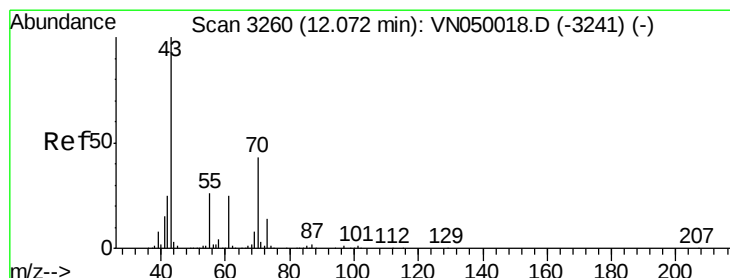
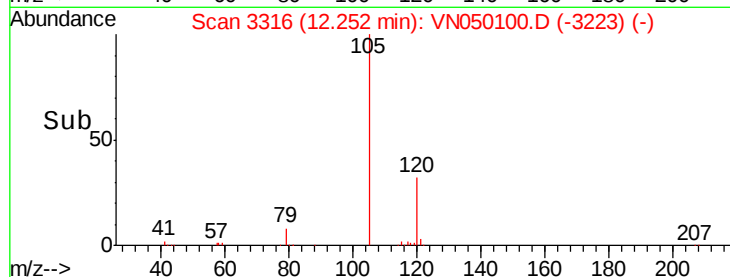
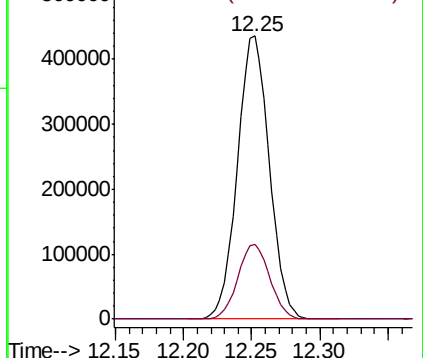
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.32 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Tgt Ion: 43 Resp: 201261

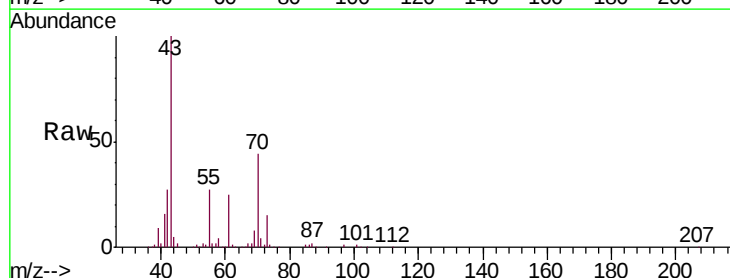
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 26.2 20.8 31.2

61 25.0 19.7 29.5

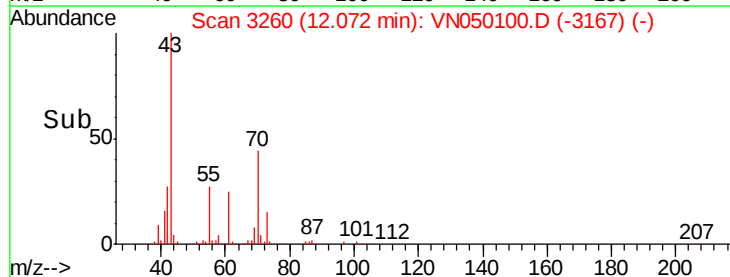
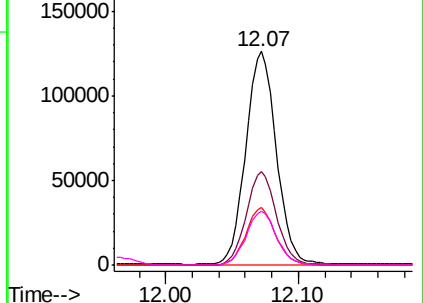


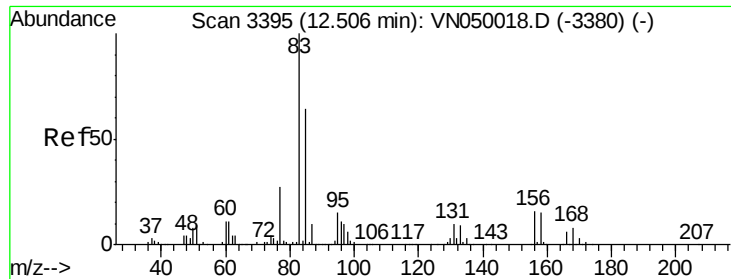
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.60 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

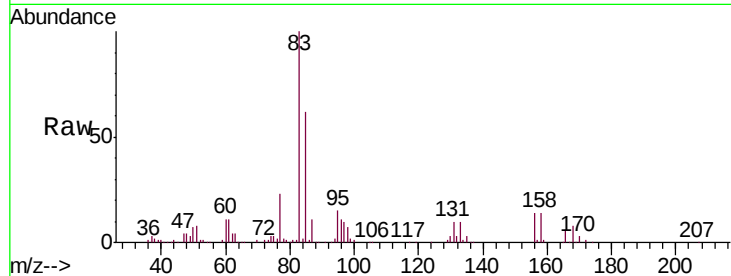
Tot Ion: 83 Resp: 196935

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.1   | 15.3  |
| 85  | 64.2  | 32.3  | 96.8  |

83 100

131 10.3 5.1 15.3

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

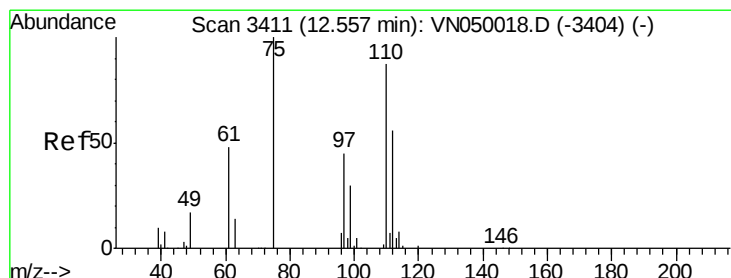
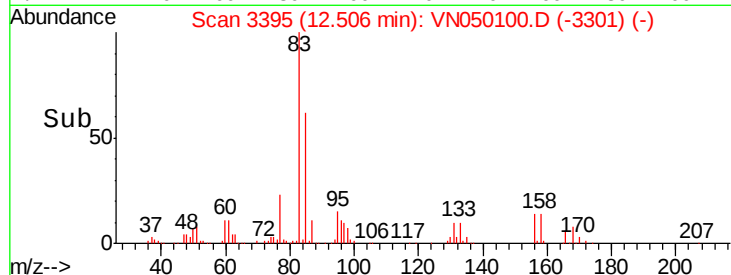
Ion 84.90 (84.60 to 85.60): VN0

12.51

12.56

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.13 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050100.D

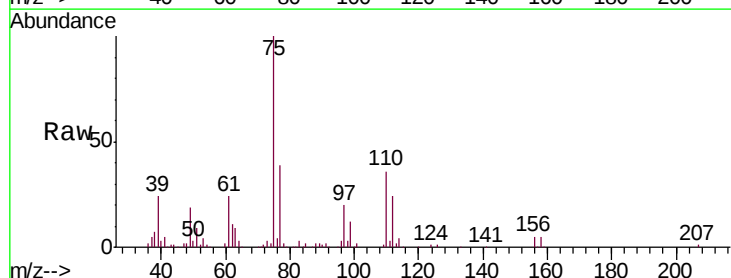
Acq: 26 Jul 2018 23:31

Tgt Ion: 75 Resp: 229712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

75 100

77 0.0 0.0 0.0



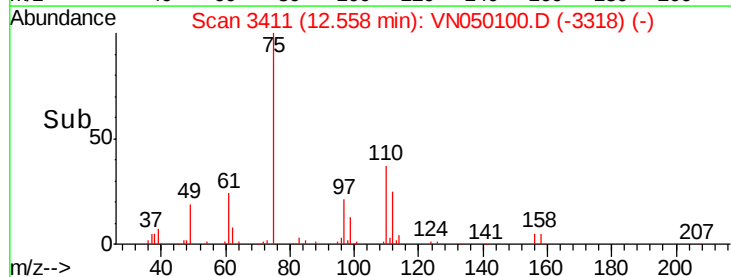
Abundance Ion 74.90 (74.60 to 75.60): VN0

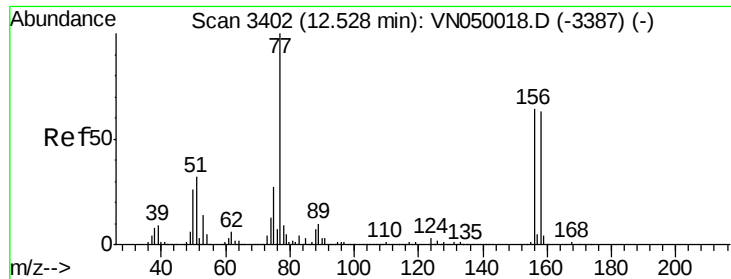
Ion 77.00 (76.70 to 77.70): VN0

12.56

12.58

Time-->





#77

Bromobenzene

Concen: 19.35 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

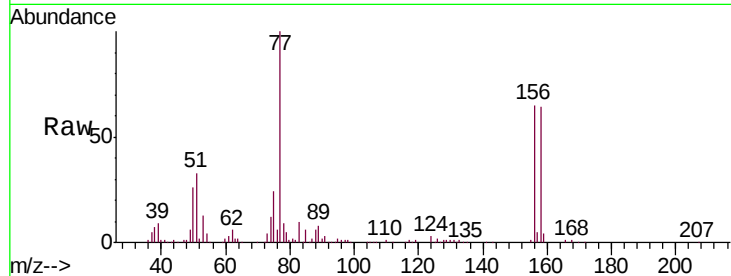
Tot Ion:156 Resp: 182751

Ion Ratio Lower Upper

156 100

77 183.4 91.7 275.1

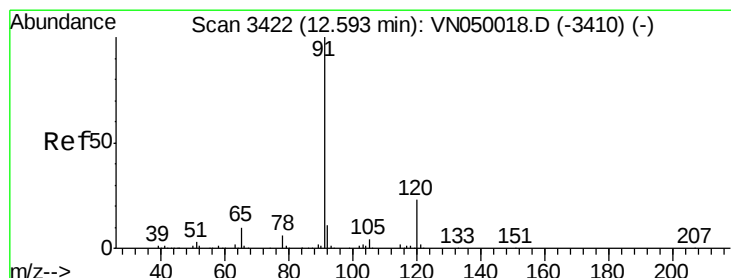
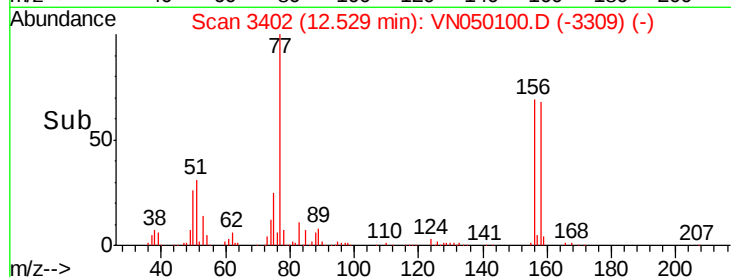
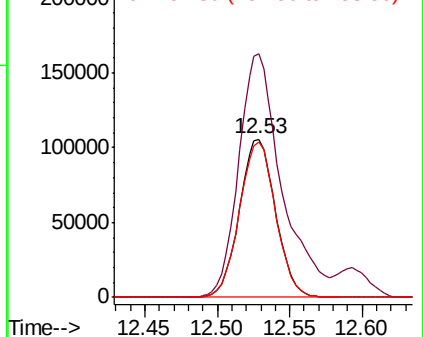
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.92 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050100.D

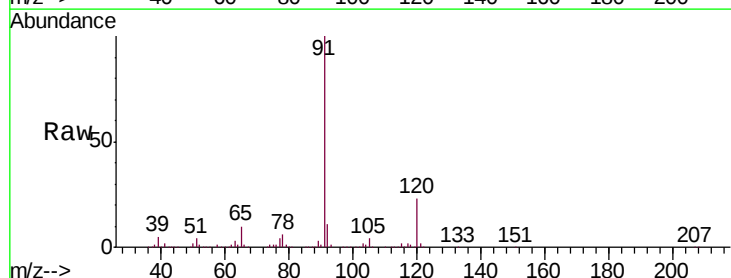
Acq: 26 Jul 2018 23:31

Tgt Ion: 91 Resp: 796855

Ion Ratio Lower Upper

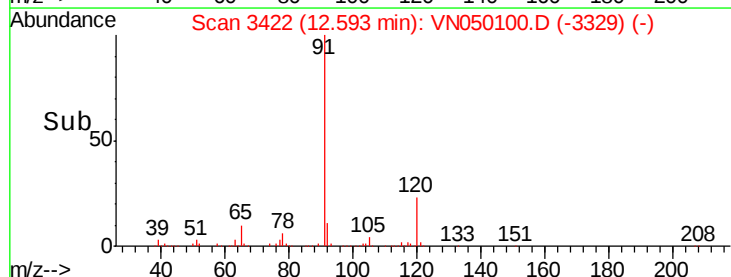
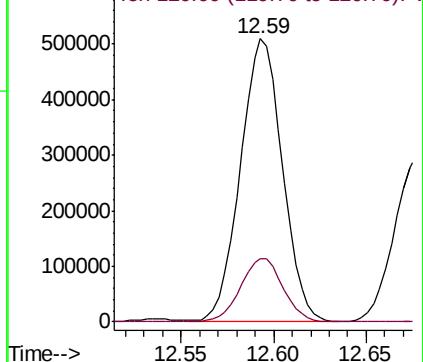
91 100

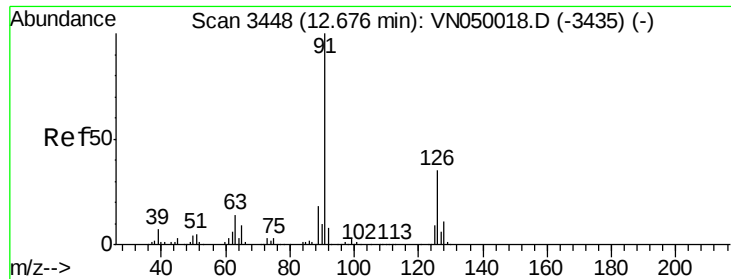
120 22.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.82 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

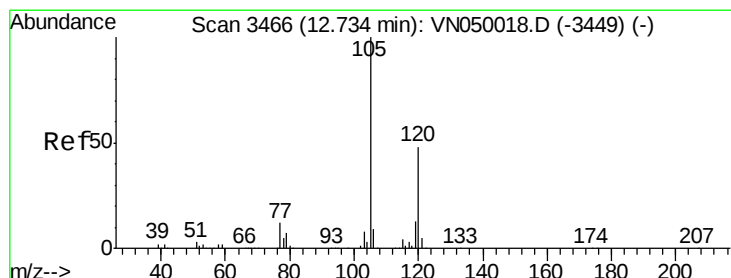
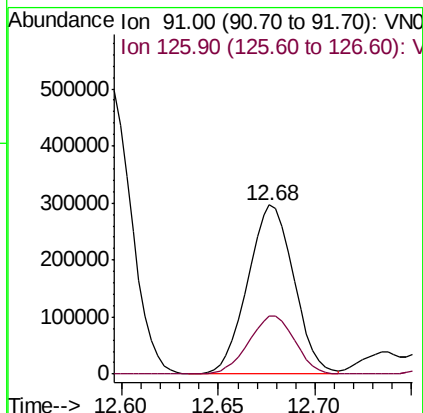
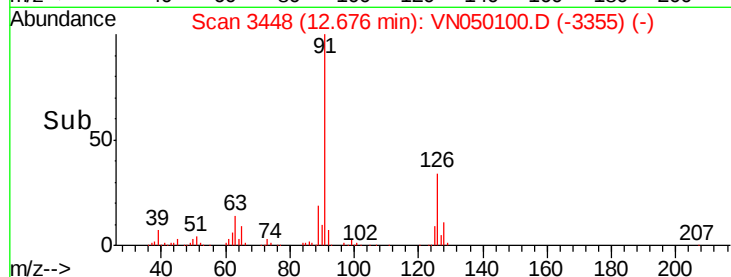
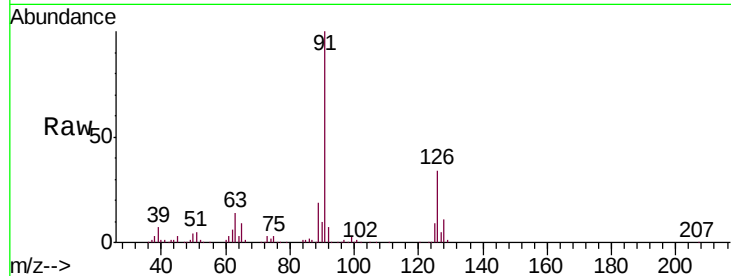
VN0726WBS02

Tot Ion: 91 Resp: 491478

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.41 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050100.D

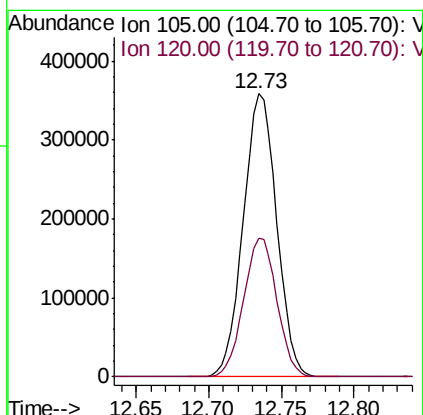
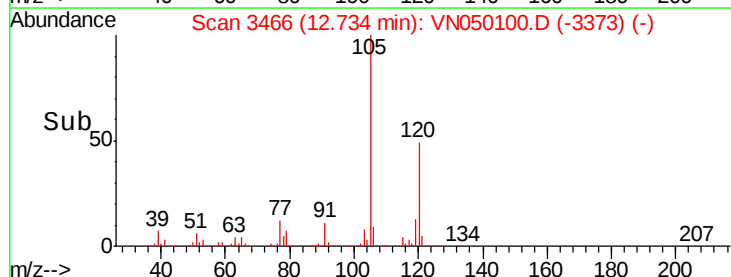
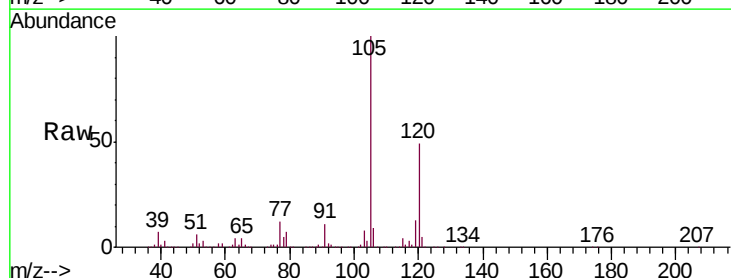
Acq: 26 Jul 2018 23:31

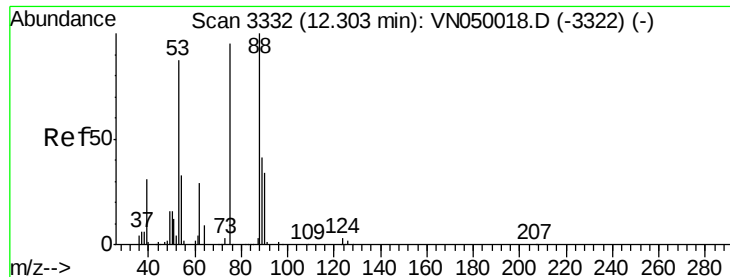
Tgt Ion: 105 Resp: 573790

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.61 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampled :

VN0726WBS02

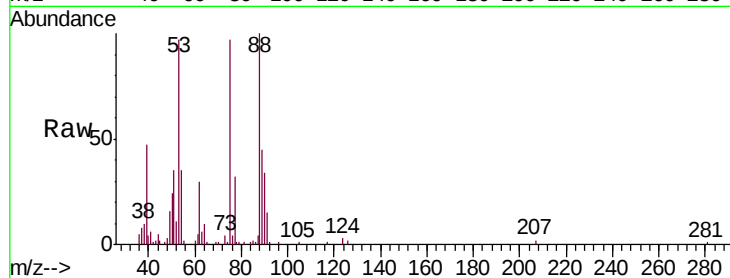
Tot Ion: 75 Resp: 45324

Ion Ratio Lower Upper

75 100

53 98.0 73.5 110.3

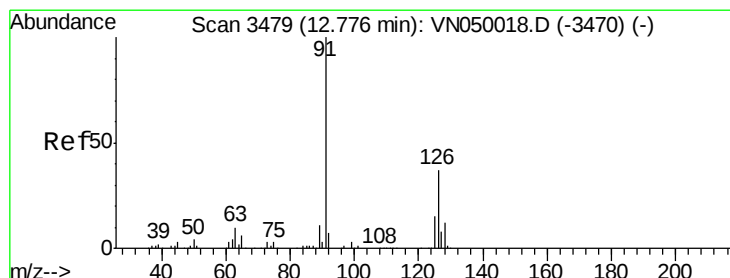
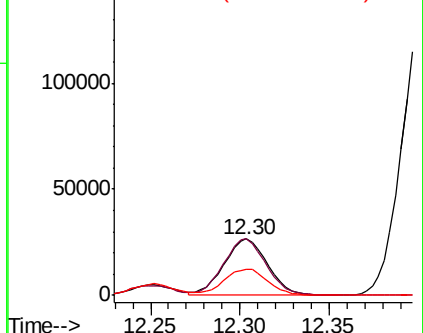
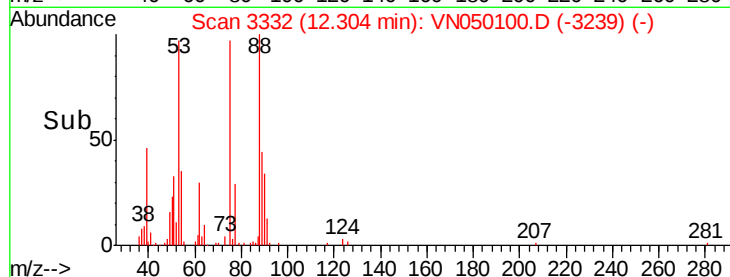
89 46.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050100.D

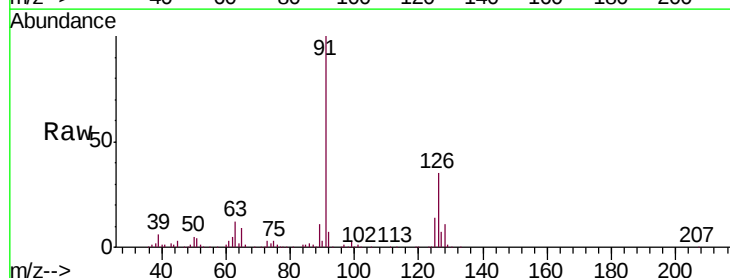
Acq: 26 Jul 2018 23:31

Tgt Ion: 91 Resp: 482684

Ion Ratio Lower Upper

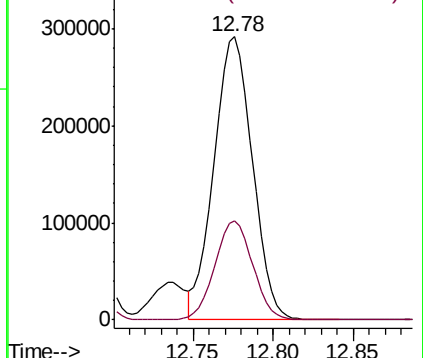
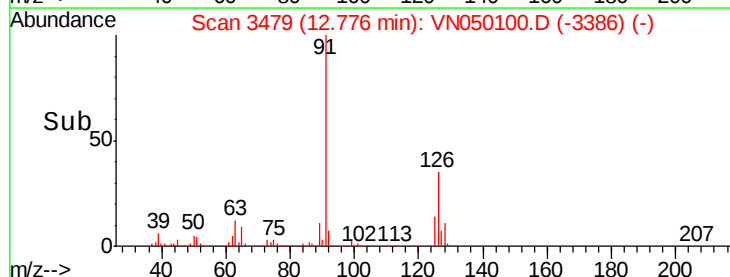
91 100

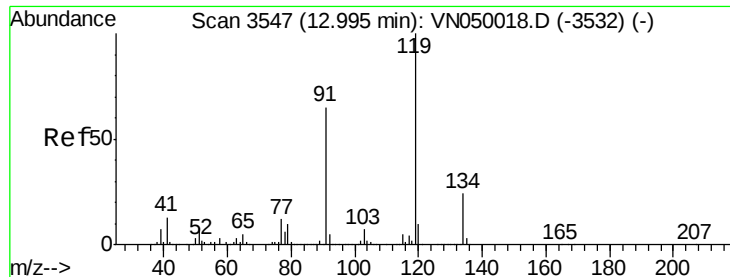
126 34.3 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

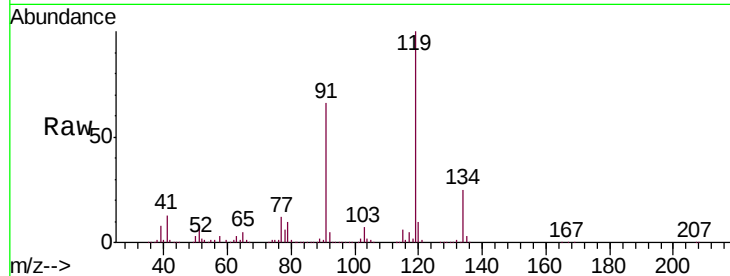




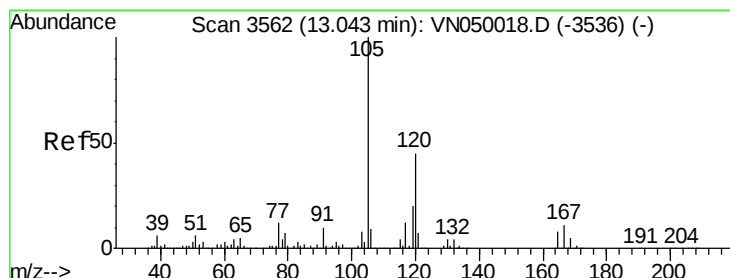
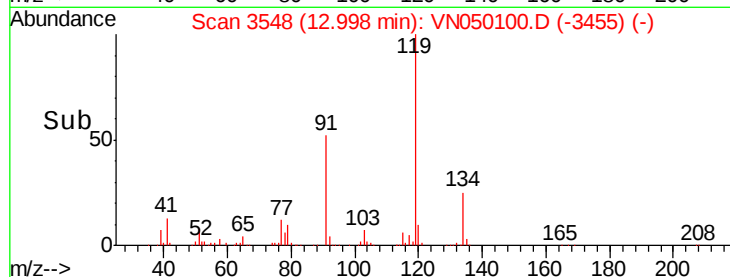
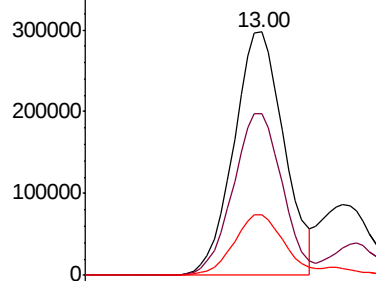
#83  
tert-Butylbenzene  
Concen: 21.06 ug/l  
RT: 13.00 min Scan# 3548  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0726WBS02

Tot Ion:119 Resp: 492603  
Ion Ratio Lower Upper  
119 100  
91 65.4 32.1 96.3  
134 25.2 13.2 39.5

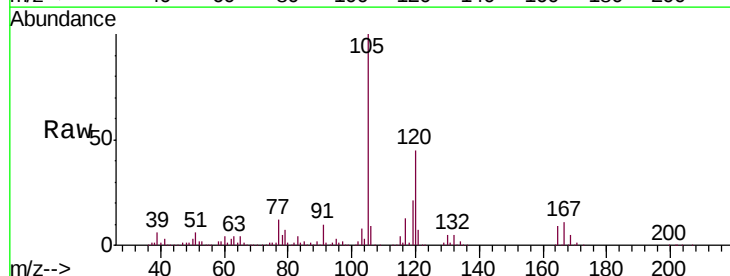


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

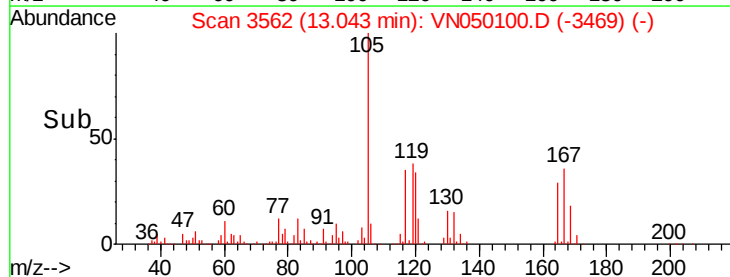
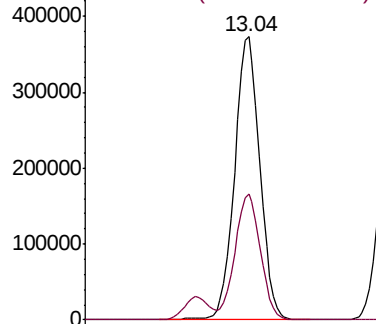


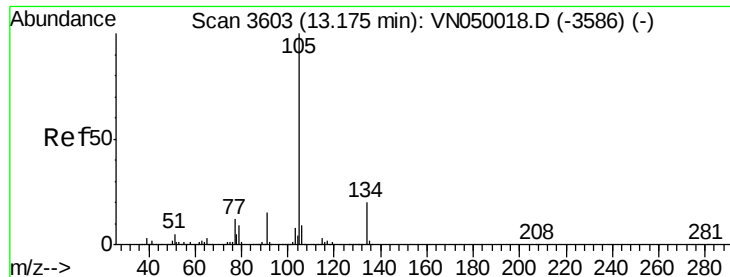
#84  
1,2,4-Trimethylbenzene  
Concen: 21.86 ug/l  
RT: 13.04 min Scan# 3562  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion:105 Resp: 590668  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V

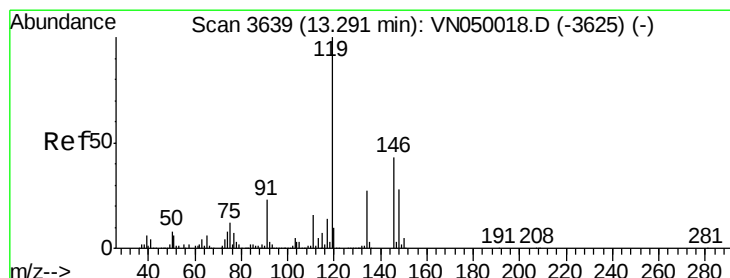
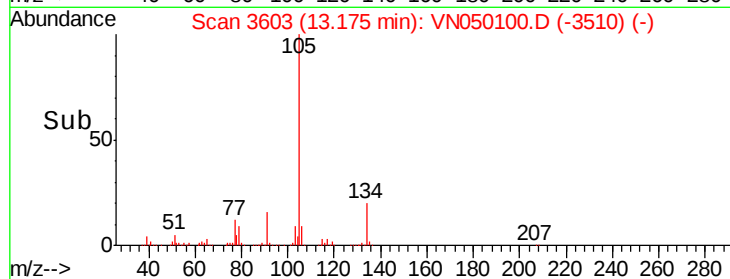
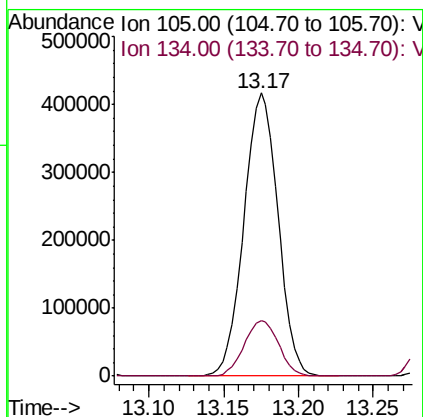
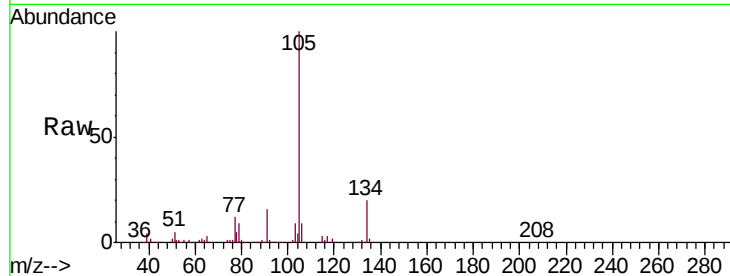




#85  
 sec-Butylbenzene  
 Concen: 21.12 ug/l  
 RT: 13.17 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

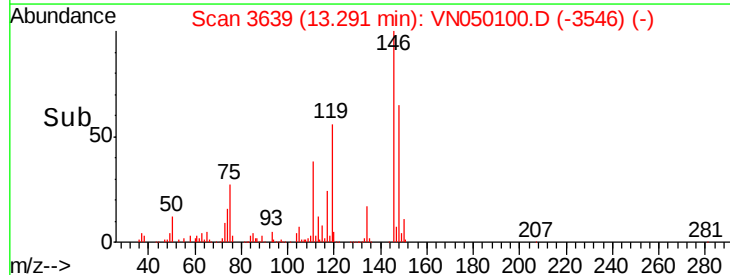
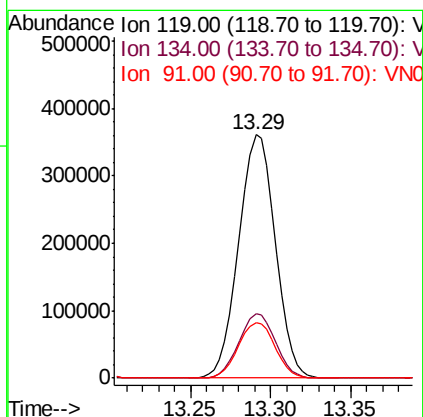
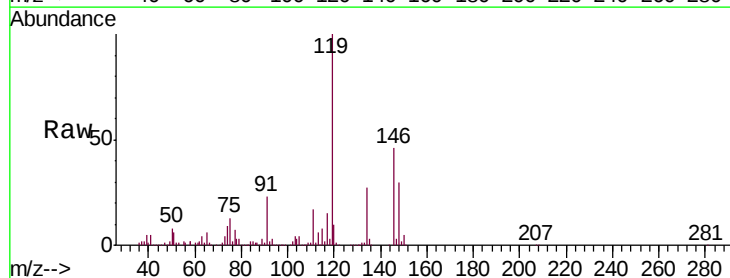
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0726WBS02

Tot Ion:105 Resp: 660093  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 21.30 ug/l  
 RT: 13.29 min Scan# 3639  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

Tgt Ion:119 Resp: 560874  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 23.0 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 19.35 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

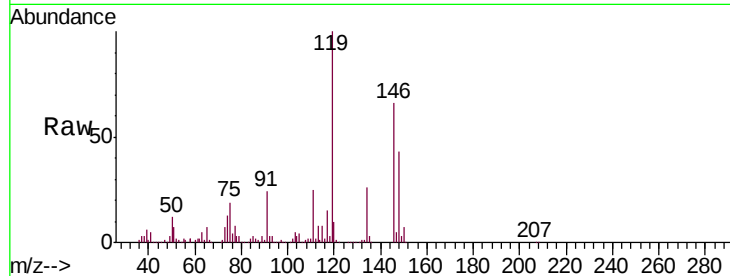
Tot Ion:146 Resp: 309771

Ion Ratio Lower Upper

146 100

111 38.0 18.8 56.4

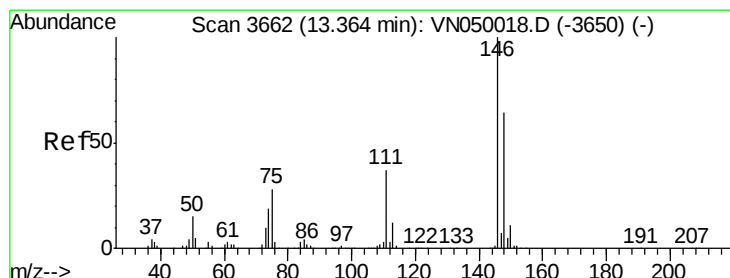
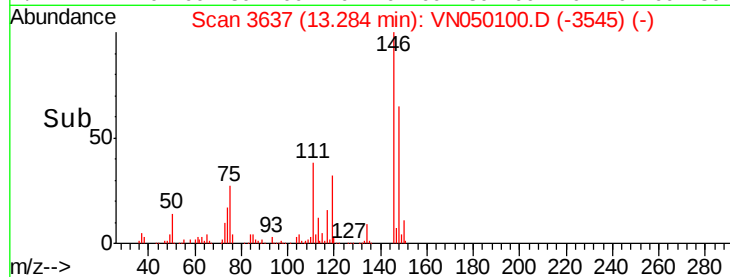
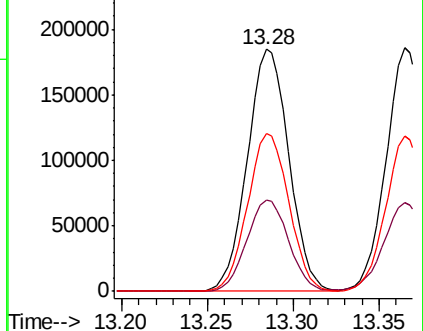
148 64.7 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.31 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

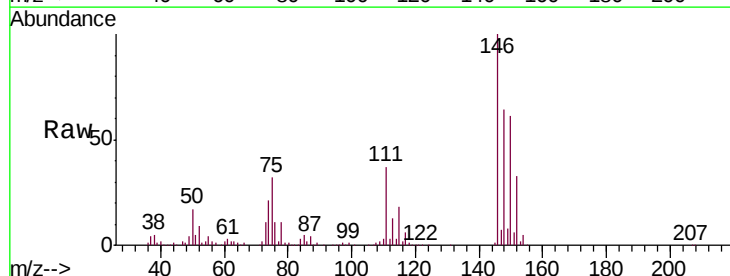
Tgt Ion:146 Resp: 301396

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.9

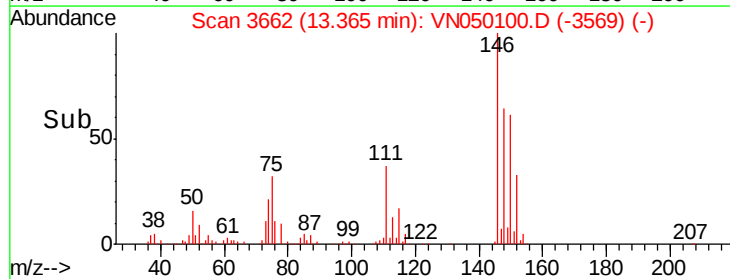
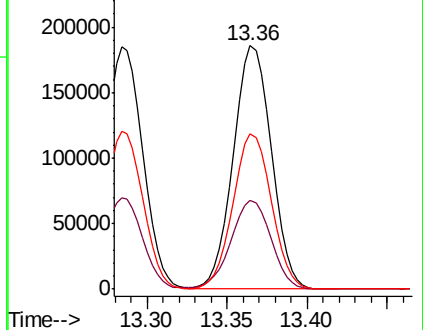
148 64.4 31.9 95.9

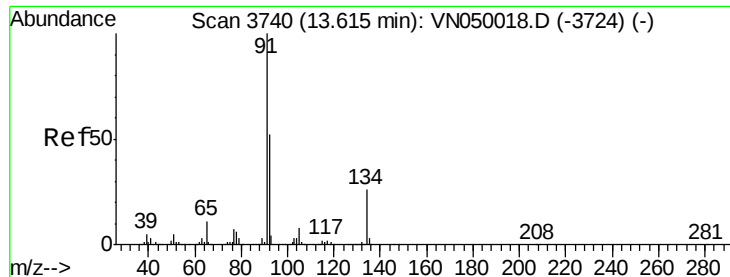


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

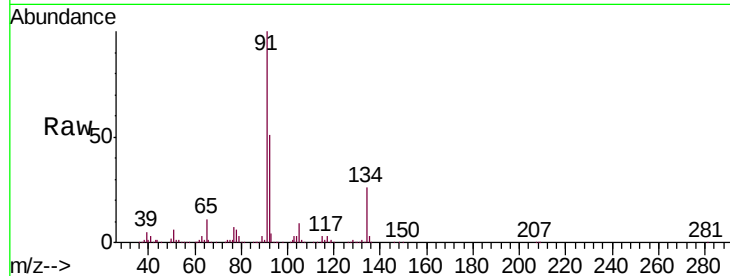




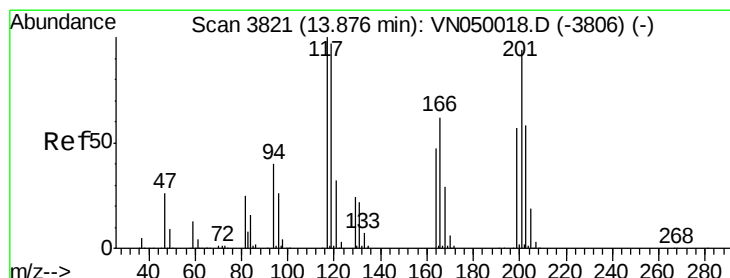
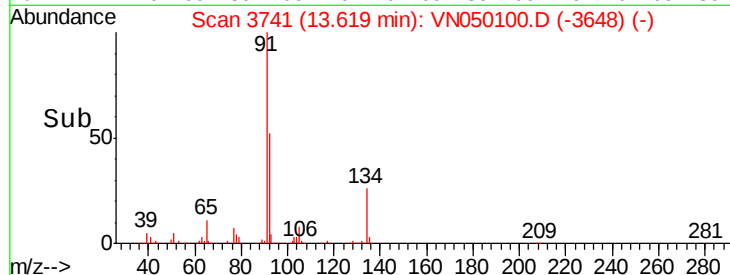
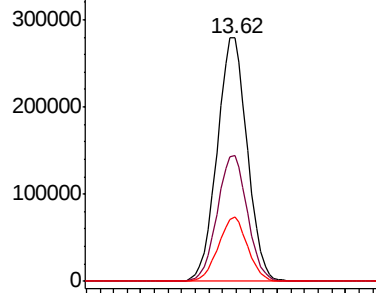
#89  
n-Butylbenzene  
Concen: 19.72 ug/l  
RT: 13.62 min Scan# 3741  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0726WBS02

Tot Ion: 91 Resp: 426965  
Ion Ratio Lower Upper  
91 100  
92 51.7 25.8 77.4  
134 25.7 12.8 38.4

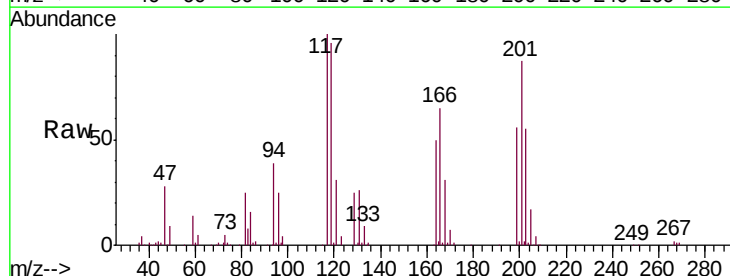


Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 92.00 (91.70 to 92.70): VN0  
Ion 134.00 (133.70 to 134.70): V

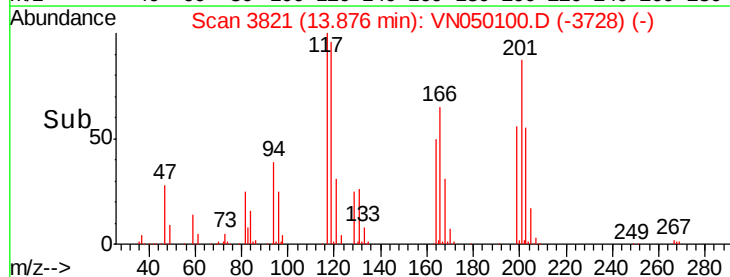
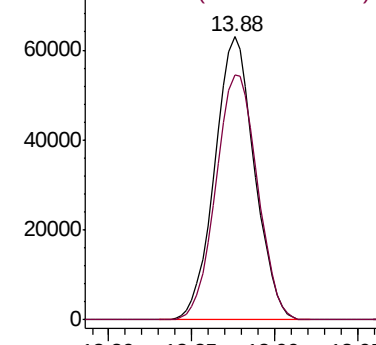


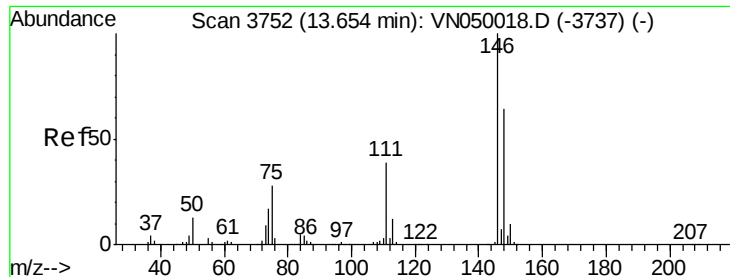
#90  
Hexachloroethane  
Concen: 17.89 ug/l  
RT: 13.88 min Scan# 3821  
Delta R.T. 0.00 min  
Lab File: VN050100.D  
Acq: 26 Jul 2018 23:31

Tgt Ion: 117 Resp: 104629  
Ion Ratio Lower Upper  
117 100  
201 90.6 45.6 136.8



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.84 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

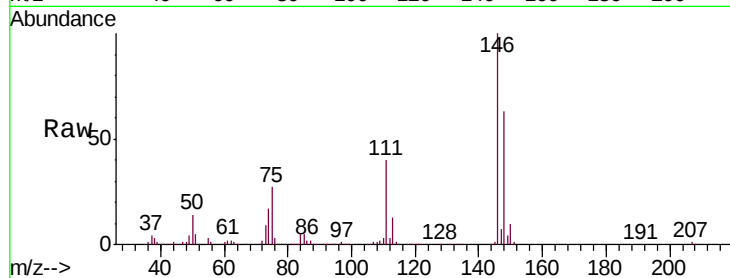
Tot Ion:146 Resp: 317493

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

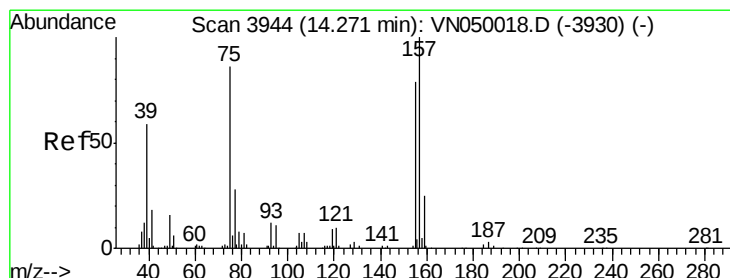
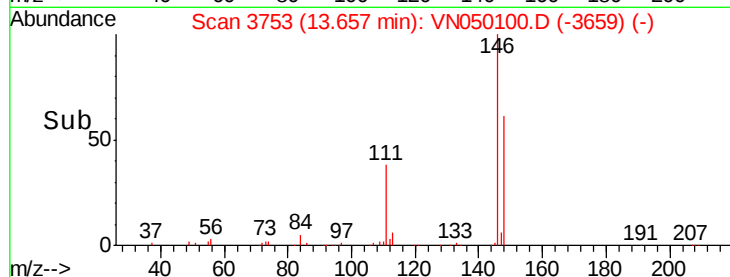
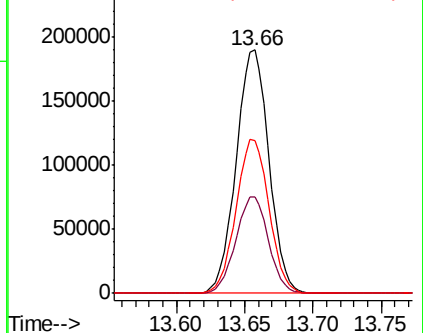
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.59 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

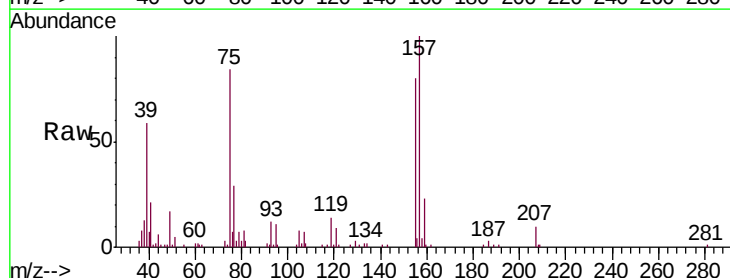
Tgt Ion: 75 Resp: 30497

Ion Ratio Lower Upper

75 100

155 92.4 44.8 134.4

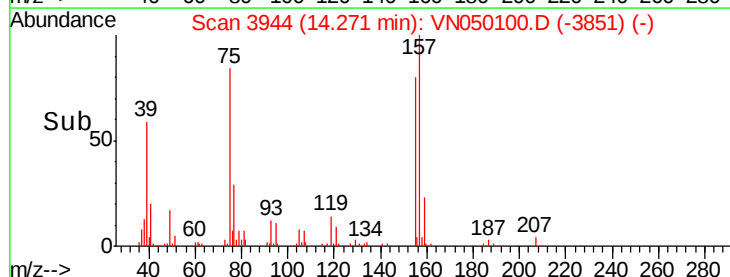
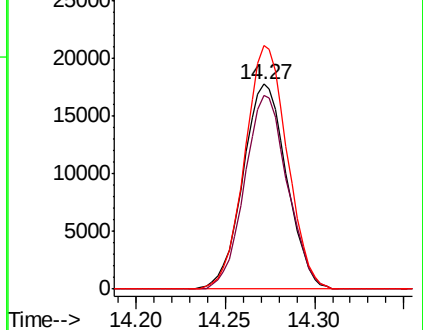
157 115.3 57.2 171.6



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

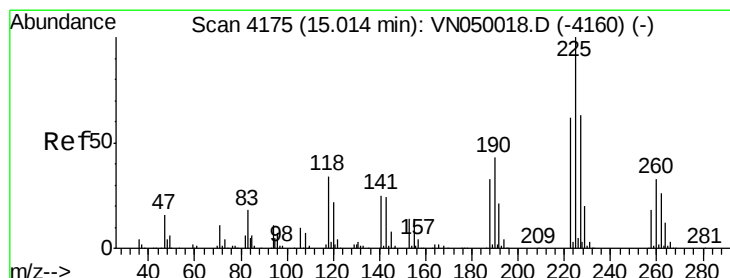
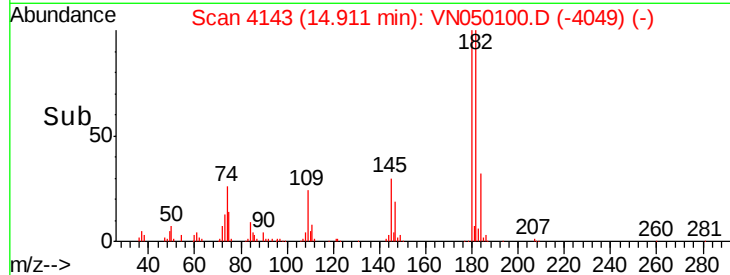
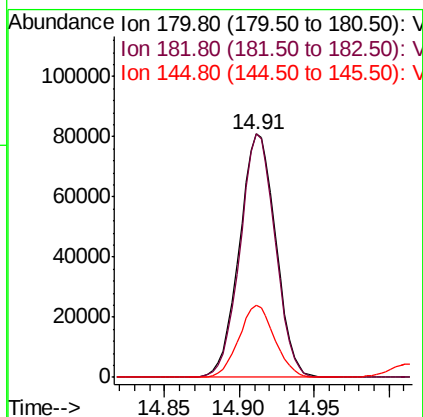
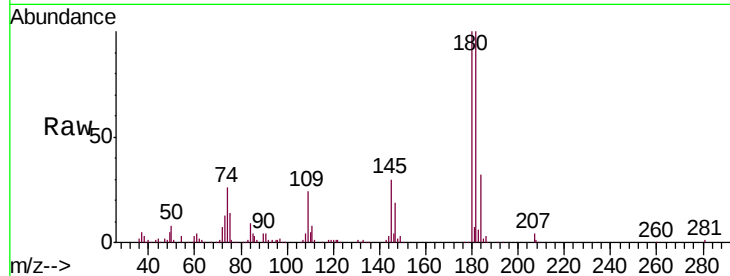




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.20 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

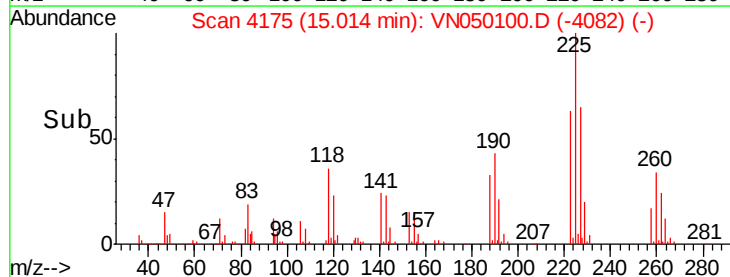
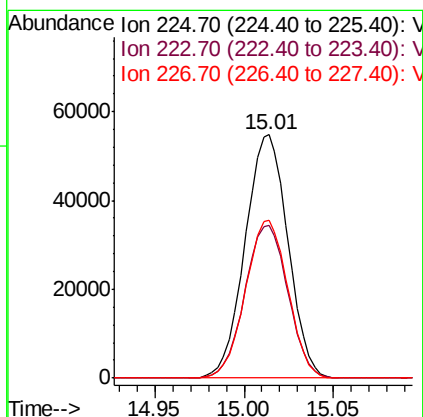
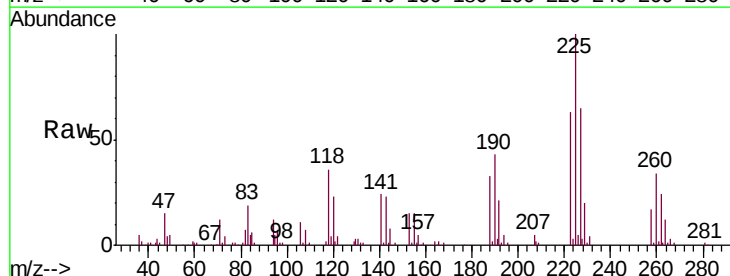
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0726WBS02

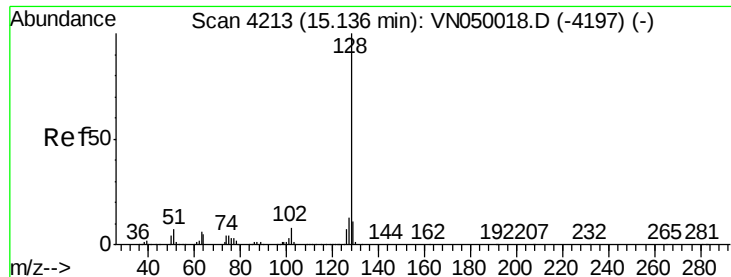
Tot Ion:180 Resp: 136732  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 46.7 140.1  
 145 29.1 13.8 41.4



#94  
 Hexachlorobutadiene  
 Concen: 18.80 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN050100.D  
 Acq: 26 Jul 2018 23:31

Tgt Ion:225 Resp: 92135  
 Ion Ratio Lower Upper  
 225 100  
 223 63.1 31.4 94.2  
 227 63.9 32.1 96.5





#95

Naphthalene

Concen: 18.39 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

Instrument :

MSVOA\_N

ClientSampleId :

VN0726WBS02

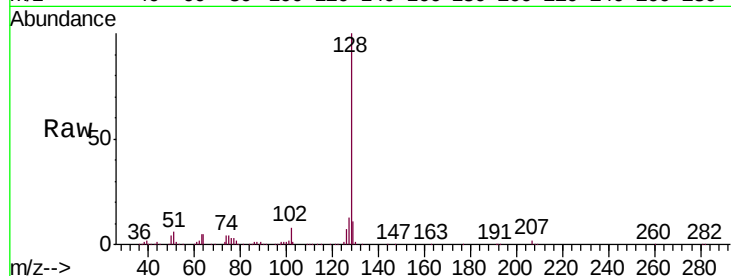
Tot Ion:128 Resp: 307621

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

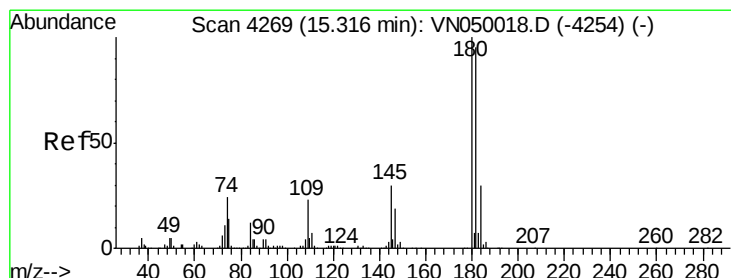
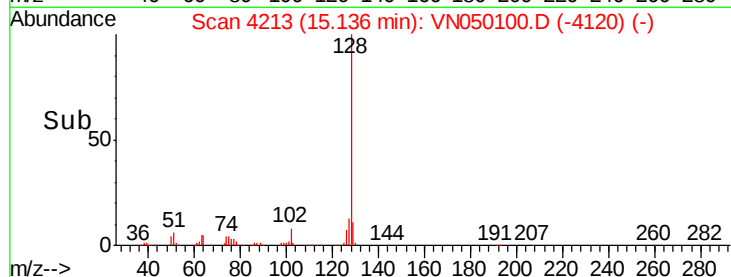
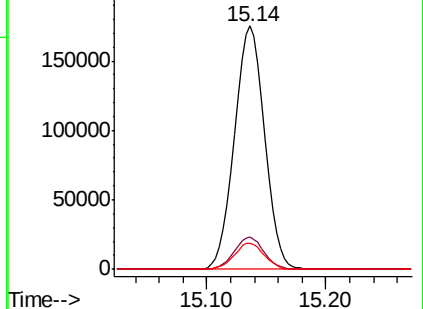
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.17 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050100.D

Acq: 26 Jul 2018 23:31

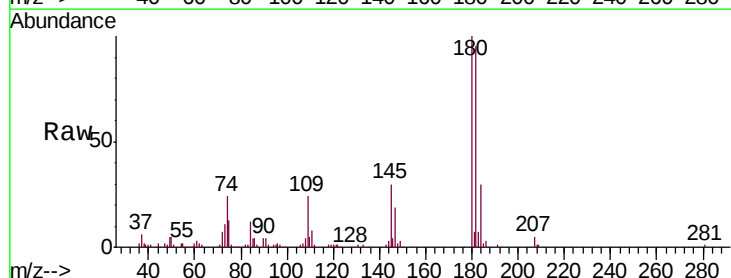
Tgt Ion:180 Resp: 146676

Ion Ratio Lower Upper

180 100

182 94.5 48.1 144.4

145 30.1 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

